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6-27-13  
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**MICHELL'S**

TWENTY-SECOND YEAR

*Will H. Tracy*  
**DISTINCTIVE**



U. S. Department of Agriculture  
LIBRARY  
**SEEDS**



MICHELL'S  
EXTRA EARLY TOMATO  
"CRACKER JACK"  
20¢ PER PKT.  
3 PKTS. 50¢

1911

PRODUCED AT  
MICHELL'S "EVERGREEN" SEED GARDENS  
TORRESDALE, PA.

**HENRY F. MICHELL CO.**

**518 Market St.,**

NOTE OUR NEW  
ADDRESS

**PHILADELPHIA.**







1. Special greenhouse for testing germination. 2, A strip of petunias on trial. 3. A trial of roses. 4. Examining trials of vegetables. 5. Observing the quality of poppies on trial. 6. Cultivating vegetable tests.

## MICHELL'S "EVERGREEN" SEED GARDENS

This new institution, situated just above Torresdale, Pa., on the New York division of the Pennsylvania R. R., was inaugurated by us a year ago, and its success is plainly visible by the above illustrations. Now that our facilities are perfect, we can truthfully claim to be in position to give each customer entire satisfaction, such as human possibility could suggest. Every seed we send out hereafter will have been tested with our latest devices (the most natural method) and must give **absolute satisfaction**, hence our "**distinctive quality**."

By our careful trials we can quickly detect all inferiorities, if any, and dismiss them from our stock, thereby retaining only the most superior strains, hence again "**distinctive quality**." **ALL THIS FOR THE BENEFIT OF OUR CUSTOMERS.**

Here we also grow in charge of experts all plants offered in our catalogue, which enables us to furnish to our customers stronger and better specimens than they can usually obtain.

For the season of 1911 we shall have seasonable displays of all worthy flowers, and extend a hearty invitation to all our friends to visit at least once a month.

ADMISSION FREE  
ALL ARE WELCOME









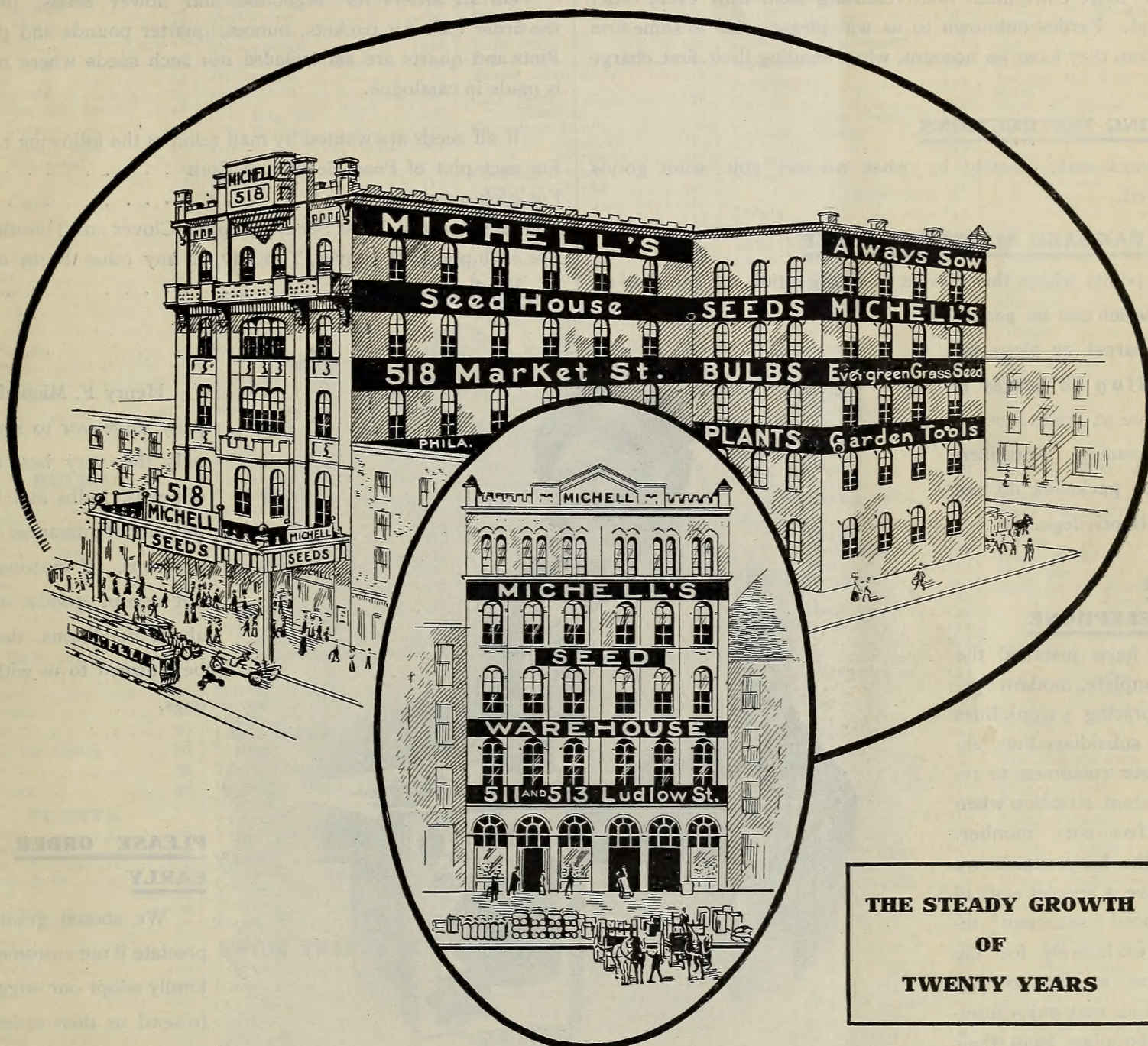
# PHILADELPHIA'S MODERN SEED HOUSE

For most of two years we have given much of our attention to the furnishing and equipment of what we consider

## THE MOST UP-TO-DATE SEED STORE IN THE WORLD

and we are pleased to announce the completion of our "COLOSSAL ESTABLISHMENT" at

**518 MARKET STREET**



**THE STEADY GROWTH  
OF  
TWENTY YEARS**

### 21 YEARS AGO

The firm of Henry F. Michell Co. started in its career in a very unpretentious building occupying less than 8,000 square feet of space and employing three men.

### TO-DAY

We occupy a most pretentious building which in floor space covers over 55,000 square feet, nearly seven times the space of our first location.

### TO-DAY

We employ an army of 100 (and at times more) men and women, divided among our many departments;

### TO-DAY

We are among the leading seed establishments of this country, with a clientele extending to every State of the Union and some parts of Europe.

### TO-DAY

During the busy season we serve thousands of customers a day in our store and salesrooms and forward innumerable shipments to mail customers by express, freight and otherwise.

With every available modern system installed in a building unequalled by any other, we feel confident in assuring our customers

### THE PERFECT SERVICE

An ideal we have long cherished to realize. Your generous orders for this coming season will be greatly appreciated and will be expedited in a quick manner.







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## BUREAU OF INFORMATION

To give our customers the very best of service, we have inaugurated an "Information Bureau," to which we hope you will frequently apply either in person or in writing; we have long realized that whatever information we can possibly give in our catalogues is far too inadequate to make you all successful gardeners. But we are anxious to accomplish it and for this purpose we have established the above department. This department is in charge of an expert, who will be able to answer intelligently all inquiries concerning horticulture or agriculture. All inquiries by letter will be promptly answered and should be addressed to the "Information Bureau,"

HENRY F. MICHELL CO.,  
518 Market St., Philadelphia, Pa.

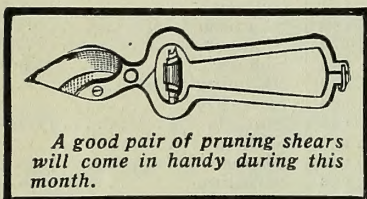
### CORRESPONDENCE IN FOREIGN LANGUAGES

For the convenience of our customers who would prefer their native language, we are pleased to announce that we are prepared to correspond in the following foreign languages: German, French, Italian and Spanish.

HIER WIRD DEUTSCH GESPROCHEN—ICI ON PARLE FRANÇAIS—SI PARLA ITALIANO—AQUI SE HABLA ESPAÑOL

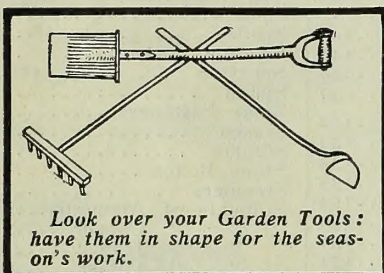
## VALUABLE INFORMATION FOR THE PRACTICAL AND AMATEUR GARDENER AND FARMER

A Monthly Table of Garden and Farm operations; helps to remember when and what to do. Our suggestions apply to the latitude of Philadelphia climate or its equal; they can be altered to suit other conditions.



### JANUARY

Lay in your stock of Manure, and have it on hand for use when wanted. Prune Trees, Bushes, Grape Vines, and do spraying for scale, etc.



### FEBRUARY

Prepare hot-beds and sow early Cabbage, Lettuce, Radish, Beet, Cauliflower and Onion. Top dress Asparagus beds with manure, also give an application of salt or Kainit. Cut poles and stakes for pole beans and peas, have them ready when wanted.

Clean up all garden and farm tools and see that they are in shape for the season's work. Sow Pansy and other hardy annual flower seeds in hot-beds for later transplanting. Send in your general order for seeds early, so as to have them on hand at the proper time for sowing.

**Farm Notes.** Commence hauling manure on land to be plowed, and get fences repaired, etc.

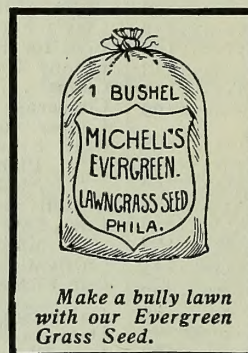


### MARCH

Continue to sow in hot-beds or cold frames early Cabbage, Cauliflower, Beet, Onion, Lettuce, Radish; and in hot-beds sow Egg Plant, Tomato and Pepper. The last of the month sow in open ground early Peas, Kale; plant Rhubarb and Horse Radish Roots; sow Beets, Spinach, Carrot, Radish and Parsley. Set out Asparagus Roots, Onion Sets, and hardy Lettuce Plants.

Early plantings of Potatoes can be made. Hardy Flower Seeds can be started either by sowing in hot-beds or in boxes in the house for later transplanting. Toward the latter part of month renovate the lawn and sow Michell's Evergreen Grass Seed and apply Pure Bone Meal fertilizer. Be sure and sow some of our choice Sweet Peas.

**Farm Notes.** Begin plowing and preparing the land for seeding. Finish whatever spraying or pruning there may be. Sow Canada Peas and Oats, also Essex Rape for early grazing or green food late in the month.

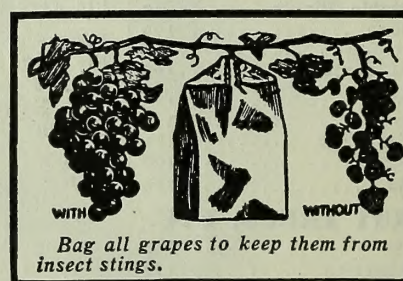


### APRIL

This is the month for sowing most kinds of seed. Sow outdoors various Garden Seeds for succession, Cauliflower early Cabbage Seed, Onion, Celery, Spinach Leek, Parsley, Lettuce, Radish, Beet, Asparagus, Carrot, Parsnip, Salsify, Corn Salad, Kale and early Turnip, etc. Continue to plant Potatoes, Asparagus, Rhubarb, Horse Radish Roots and Onion Sets, etc. Set out Cauliflower, Cabbage and Lettuce plants, from hot-beds,

after they have been hardened by leaving the sash off at night. Sow Herbs, prepare Melon, Cucumber and Squash hills for later planting. Sow the hardy kinds of Flower Seeds, as they will flower earlier. Ideal time for sowing Grass Seeds and Sweet Peas.

**Farm Notes.** Sow Canada Peas, Oats, Rape, Clover, Grass Seeds, Spring Rye, etc.



### MAY

Sow Cabbage, Lettuce, and Tomato in open ground for succession. Sow Beets, Celery, Carrot, Salsify Parsnip, Onion, Radish, Spring Kale, early Turnip, Kohl, Rabi, Corn Salad, Globe Artichoke, Parsley, Mangel Wurzels, Herbs, plant Lima

and Pole Beans. Put out Cabbage Plants, Onion Sets and Asparagus Roots; Sweet Potatoes; plant early Corn, Garden Peas, Snap Beans, etc., later in the month Cucumber, Squash, Watermelon and Cantaloupe can be planted. Vine Seeds are tender, so should the weather be cold or wet, defer planting somewhat. Risk setting out Tomatoes and later in the month Egg Plants and Peppers. Sow perennial Flower Seeds, after the middle of the month set out Dahlias, Gladiolus and Canna Bulbs. Bag your Grapes with Michell's Improved Grape Bags. Still a good time to sow Michell's Evergreen Grass Seed.

**Farm Notes.** Plant winter root crops like Mangel, Carrot, etc., Field Corns. Clover Seed may also still be sown, likewise Grasses. Ideal time to put in Alfalfa, get our special circular on this Millet and most other fodder plants like Broom Corn, Sugar Cane, Cow Peas, etc., can also be sown.



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It is very important to whitewash all outbuildings now with a machine.

## JUNE

Most of the tender seeds can be sown now. Also Carrot, Salsify, Parsley, Beet, Pole and Snap Beans, Sugar Corn, and Tomato, Radish, Brussel Sprouts, Broccoli, and Corn Salad. Plant

Lima Beans, Squash, Cucumber, Watermelon, Cantaloupe, Okra and Pumpkin. Late Cabbage and Cauliflower can be sown to make plants for setting out for fall crop. Set out Tomato, Pepper, Egg Plants and Sweet Potatoes.

**Farm Notes.** Sow Mangels, Sugar Beets, Millets, Alfalfa, Cow Peas, Crimson Clover and Ruta Baga.



Sow seeds of hardy flower seed now to bloom next year.

## JULY

Sow Dwarf Peas and Beans; make your last plantings of Sugar Corn, set out Celery, late Cabbage and late Tomato Plants. Autumn Radishes, Kale, Spinach, Turnip, Ruta Baga, etc. should be sown. Make out your list and order perennial flower seeds, to sow next month.

**Farm Notes.** Sow Crimson Clover for soiling, Millets, Alfalfa, Cow Peas, etc.

## AUGUST

Early in the month plant Snap Beans. Sow Turnip and Kale, Winter Radishes and Early Peas. Set out late Cabbage and Celery plants for winter use. Still time to sow ruta bagas, but they can also be sown in July. Sow Kohl, Rabi and fall Lettuce, Turnips, etc. Plant Cucumbers for pickling, also pot-grown Strawberry Plants, and sow perennial flower seeds to insure their blooming next season.

**Farm Notes.** Sow Cow Peas, Buckwheat, Alfalfa, also Crimson Clover after the last working of the corn.

### "ALFALFA SEED" FOR THE FARM

Alfalfa should be one of the staple crops on every farm. If you have not yet grown it, the sooner you do so, the more money you will make in farming. Our Alfalfa is repeatedly tested for vitality and purity, and we are gratified to say that it is invariably as near the 100% mark in purity and growth as it is possible to come.

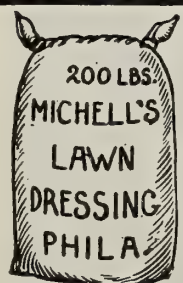


Our Dutch Bulbs of which we import millions, arrive in September.

## SEPTEMBER

Sow Pansy, Forget-Me-Not and English Daisy if you have a cold frame, also sow Lettuce and Cauliflower for a fall or early winter crop; also Winter Radish, Endive, Parsley, Spinach, Corn Salad, Kale and Turnip. This is also one of the best months to renovate the lawn and sow Michell's Evergreen Grass Seed.

**Farm Notes.** Sow Vetches, Crimson Clover, Alfalfa, Timothy and any hay or pasture grass seeds.



Apply a top dressing of our lawn fertilizer to your grass.

## OCTOBER

Sow Spinach and Corn Salad out doors and apply Michell's Evergreen Grass to any worn spots in the lawn. Make up the winter hot-beds, and sow Radishes, Lettuce and Spinach for early winter use. Get your Bulb beds ready to plant when time. Plant Fruit Bushes and Strawberries, Trees and Shrubbery.

**Farm Notes.** Sow Timothy, Winter Wheat, Rye, Clover and Grass Seeds. Any idle land can be plowed now to bring insects to the surface.



Bulbs for Spring blooming out-doors should be planted now.

## NOVEMBER

Plant Privet, all kind of Fruit, Shade and Ornamental trees and bushes. Spray trees when the leaves have fallen, and later in the month some trimming may commence. Top dress the lawn with Bone Meal, Wood Ashes or some other good fertilizer. Get in any spring flowering bulbs that are to be planted out-doors. Set out Asparagus and Rhubarb roots.

**Farm Notes.** Clean up and burn all rubbish that may have accumulated during the summer. Winter Rye may be sown as late as the 20th.

## DECEMBER

Mushroom beds can be made up indoors to bear in March. Spraying for San Jose Scale, Trimming and Pruning can be done now. Some of the Flower Seeds which take long to mature can be sown indoors. Sow Tomato and Cucumber seed in greenhouses for a spring crop under glass.



After all surplus wood has been trimmed away, spraying for scale should now commence.



# REAL NOVELTIES IN FLOWERS FOR 1911

When we claim to offer real Novelties it means they are distinctly new and possess merits worthy of anyone's trial. To deserve our claim for progressiveness we realize we must be the first in the field to offer the latest introductions of the hybridizer, yet we must be jealously careful in our selections from the hundreds of offers to guard against disappointments, and for this reason alone our list may be small compared with others, but we are proud to say, there can be none better.



*Antirrhinum—Giant Double White*

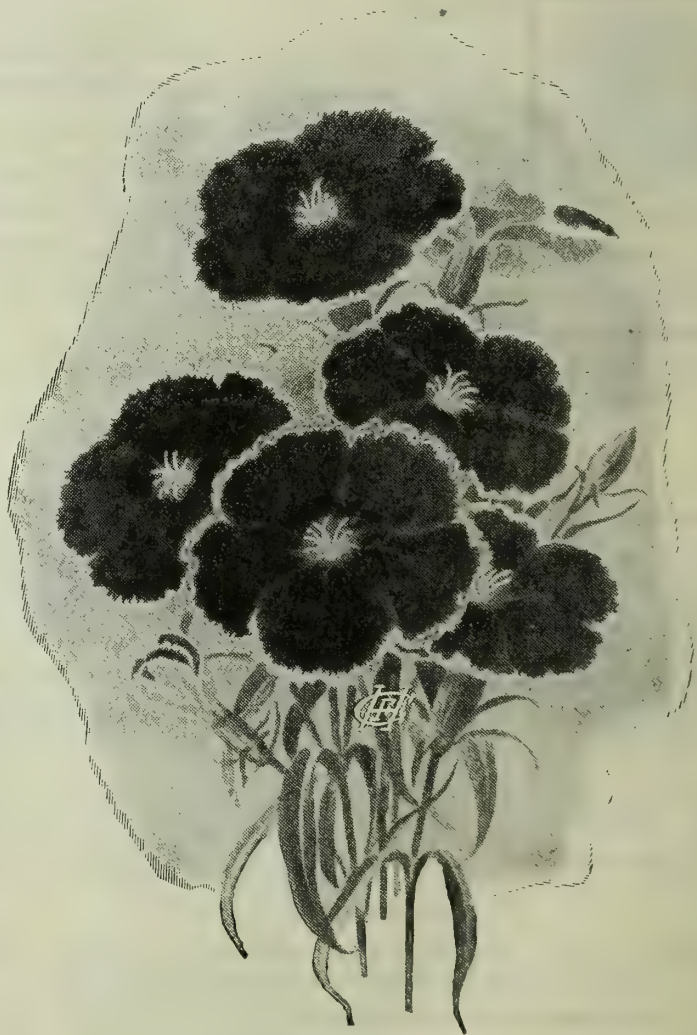
## NEW ANTIRRHINUM (Snapdragon)

### GIANT DOUBLE WHITE

A new form of flower, see illustration to the left, from the mouth-like aperture between the upper and lower lips emerge abnormal petals, which give the flower a new aspect; due to this abnormality the flowers are very large; a vase with several spikes looks very striking and we believe it will become a fixed favorite with the gardening public. The variety we offer herewith is of pure white color. Per pkt. 25c., 65c. for 3 pkts.

## NEW ASTER, LADY ROOSEVELT

We can truthfully claim that this is the finest of all Asters. The flowers resemble huge incurved Chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The robust plants produce stout stems invariably 40 inches long, crowned with gigantic flowers. The seed we offer is selected from original specimen and then re-cleaned; so it must give absolute satisfaction. 65c. large pkt., pkt. 25c.



## NEW DIANTHUS, "SILVERLACE"

A new garden pink, with distinct merits both for cutting and garden effects. The small bushes flower richly and willingly with medium-sized flowers. The flowers are dark blood red with a uniform white edge round the whole flower, which is slightly fringed. Per pkt. 25c., 65c. for 3 pkts.



# REAL NOVELTIES OF FLOWERS FOR 1911

## (CONTINUED)

### NEW ESCHSCHOLTZIA, BURBANK'S CRIMSON

California Poppies have always been popular garden plants, but their variation in colors is rather limited; many have tried to produce a real red flower but not until now can this claim be made by Mr. Burbank; the flowers of this novelty are quite large and of a rich deep crimson. Per pkt. 15c., 40c. for 3 pkts.



*New Hybrid Freesias*

### NEW HYBRID FREESIAs In All Colors

For centuries we have only known the white and light yellow Freesias; about five years ago the horticultural world was surprised with the news that a French hybridizer had successfully crossed some of the African species with the regular sorts, and as a result we are able to offer to-day Freesias in all the colors of the rainbow; the supply of the bulbs is as yet far too limited to be offered in general, and we are pleased to think that we are able to offer seeds of this sensational novelty. Seeds should be sown in the house and with proper care many of the seedlings will flower within 8 months from the date of sowing. The following colors may be expected to be among the seedlings: All shades of pink, red, lilac, violet, yellow and orange. Per pkt. 30c., 80c. for 3 pkts.

### NEW DOUBLE "BABY'S BREATH" GYPSOPHILA PANICULATA, FL. PL.

The doubling of the flower gives it a distinct yet handsome appearance. The plants flower so free that a small branch cut with highly colored sweet peas gives it the appearance of a multitude of miniature snowflakes gracefully floating over the surface. This variety is perennial and once established it will last for years. Height, 3 feet; season, July and August; color, pure white. Per pkt. 30c., 80c. for 3 pkts.

### NEW DWARF "WHITE" SALVIA, SALVIA SPLENDENS COMPACTA ALBA

We have long wished for some suitable edging plant for the popular scarlet sage, and this novelty surely must be called ideal for this purpose. Of compact, dwarf growth, the pure white flowers cannot help but make the taller scarlet sage exceedingly brilliant and attractive. Per pkt. 30c., 80c. for 3 pkts.



*Salvia, Canary Bird*

### NEW "YELLOW" SALVIA "CANARY BIRD"

Gold and scarlet have always been happy contrasts. To edge or mix a bed of scarlet Salvia with this new color will mean a wonderful attraction; the bright golden flowers are supported by dark green foliage. Per pkt. 25c., 65c. for 3 pkts.

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# REAL NOVELTIES IN FLOWERS FOR 1911 (Continued)



## NEW ANNUAL RED SUNFLOWER

(*Helianthus Cucumerifolius Purpureus*)

Of miniature type the plants of this novelty present a most striking appearance on account of the unusual color of the flower. The bushes which branch very freely are literally covered all summer with flowers measuring  $2\frac{1}{2}$  to 3 inches in diameter and glorying in a series of shades from pink to purple; even the form of the petals vary, some are straight, others twisted and others curled. Sow seeds outdoors early in May and transplant to stand 10 inches apart; splendid for cutting or effect as hedges. Per pkt. 25c., 65c. for 3 pkts.

### SWEET PEA MARTHA WASHINGTON

Pearl white, flushed with pink deepening toward the edges. Pkt. 25c., 65c. for 3 pkts.



"Doris Burt"

## FIVE NEW "SPENCER" SWEET PEAS Of "Distinctive" Merits

"Spencer" Sweet Peas are distinguished by their most exquisite form of flower, a wavy petal; their wonderful vigor in plant, stem and flower, and their ability to produce, as a rule, 4 gigantic blooms on one stout long stem.

### ETHEL ROOSEVELT

The largest and most perfect Spencer form. The color is soft primrose, flaked daintily with crimson. Original pkts. (10 seeds), 15c. each. Original pkts. (20 seeds), 25c. each.

### FLORENCE NIGHTINGALE

Flowers frequently measure 2 inches across; the color a soft but rich lavender. Original pkts. (10 seeds), 15c. each. Original pkts. (20 seeds), 25c. each.

### DORIS BURT

Most brilliant scarlet, the only variety which will not burn in the sun; of immense value. Pkt. 25c., 65c. for 3 pkts.

### DOUGLAS UNWIN

The finest maroon so far introduced; an immense flower of bold appearance. Oz. \$1.25, pkt. 25c., 65c. for 3 pkts.

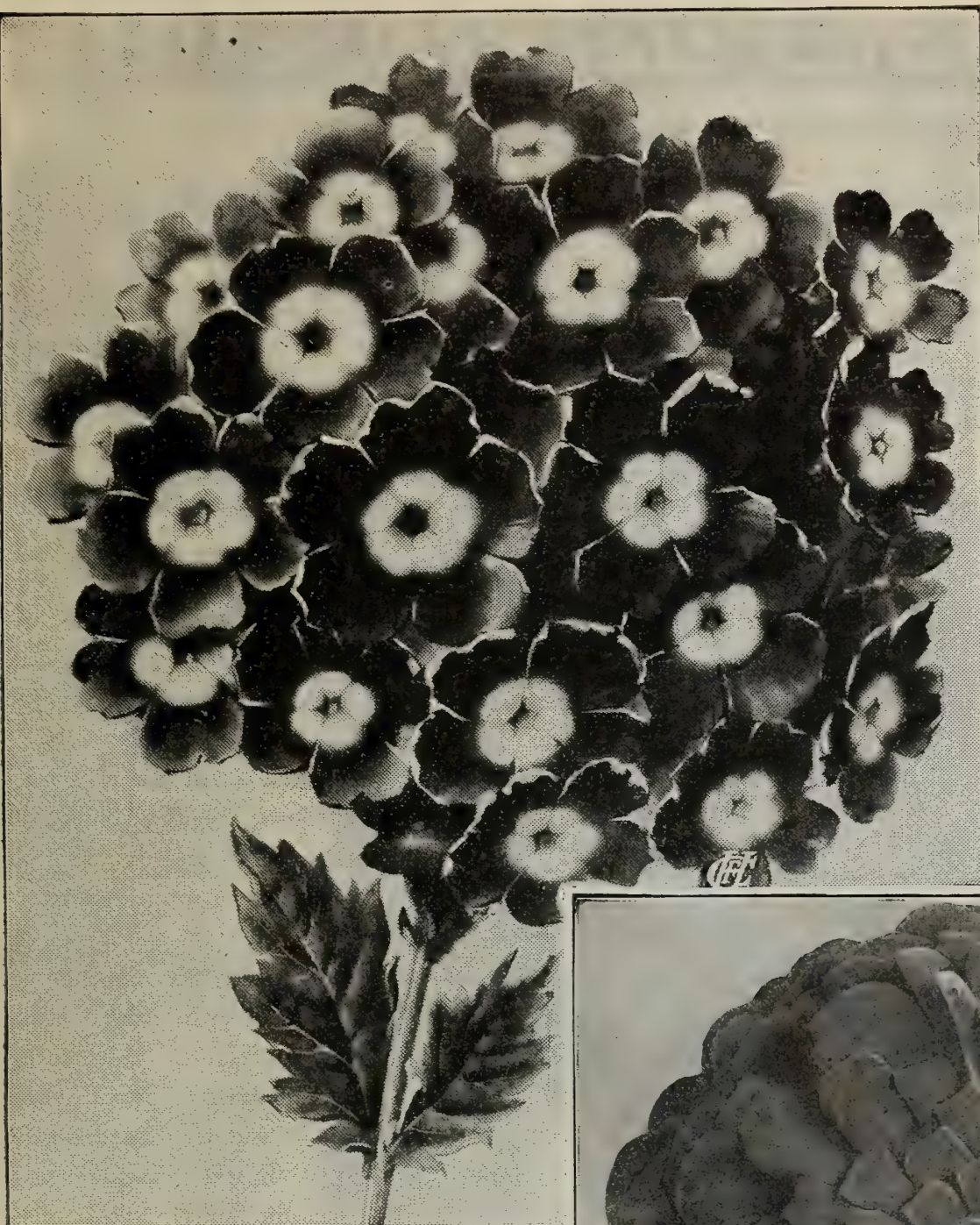
Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



## New Giant Robusta Zinnia

This new form is a wonderful advance in size and shape and gives the plant a most majestic appearance. The plants grow extremely robust to a height of 2½ feet, have stout straight stems dressed with large broad foliage and crowned with a gigantic perfect double flower often measuring 5 to 6 inches across; a revelation to all who are accustomed to the common Zinnia. Splendid for cutting or garden effect.

	Pkt.	3 Pkts.
Choicest Mixed .....	\$0.10	\$0.25
Pure White .....	.25	.65
Golden Yellow .....	.25	.65
Scarlet .....	.25	.65



## NEW GIANT FLOWERED VERBENAS

### IN DISTINCTLY NEW COLORS

Verbenas are among the most useful of garden plants; they are of easiest possible culture and once they begin to bloom, which is very early, they never cease to bloom until the most severe frost kills it. The novelty we offer herewith is not only distinguished by its giant blooms made attractive through a light-colored centre and an exquisite edge of silvery white, but an entire new range of colors, such as Tyrian Rose, Purple Garnet, Turkey Red, Geranium Red, Rosy Scarlet, etc. To make Verbenas flower early, start seeds in the house from February till April; it may also be sown outdoor from May onward and will then flower in August and continue till frost. Height, 1 foot.

**Mixed Colors.** Per pkt. 30c., 80c. for 3 pkts.



*New Giant Robusta Zinnia*



# NEW CARNATIONS FOR 1911

ROOTED CUTTINGS READY IN JANUARY

## WHITE WONDER

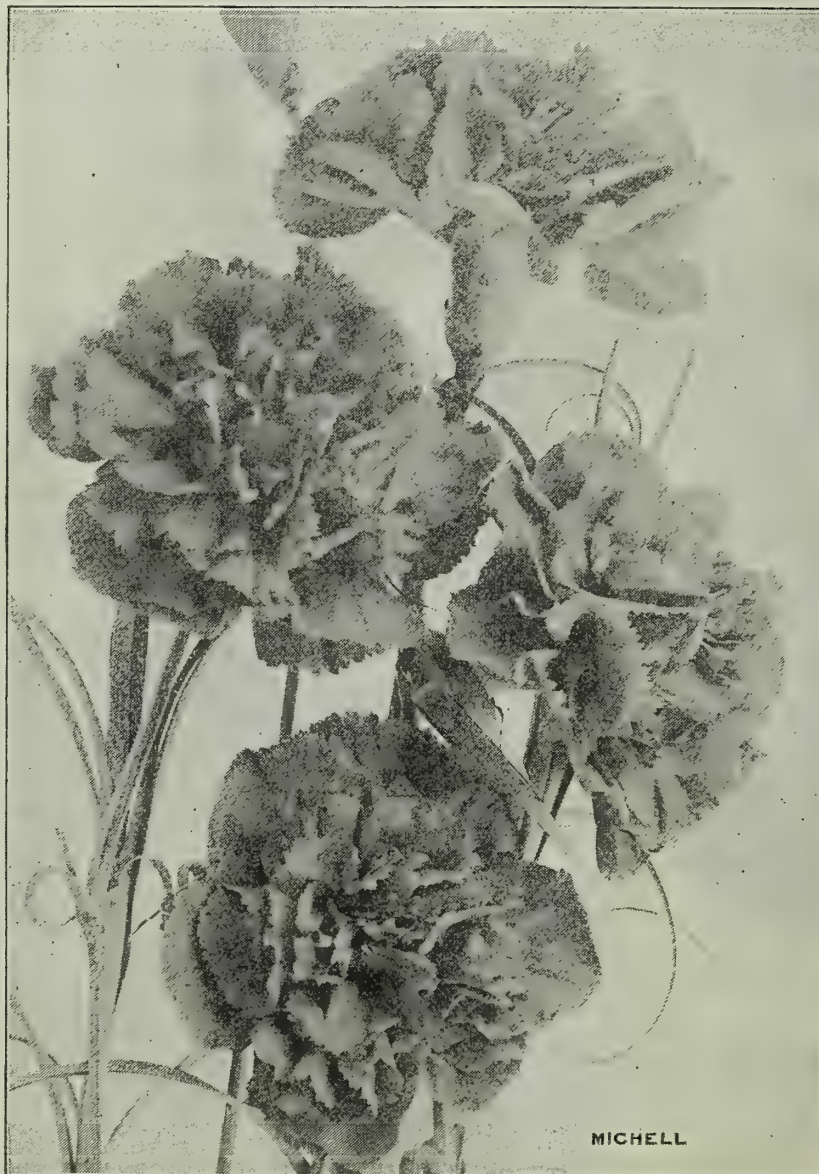
A seedling of White Perfection, inheriting all its good qualities and additional improvements. The flower is larger, stem stronger, growth vigorous and free and productiveness fully one-third larger. It is easy to root, makes quick, upright, symmetrical growth, transplants readily, flowers early, and without a break produces a full continuous crop the entire season; a strong calyx is a valuable feature. It is a true commercial type; won the Seedling Sweepstakes at Chicago, November 1909.

\$2.00 per dozen; per 100, \$16.00; \$125.00 per 1000.

## MRS. BECKWITH

Color intense velvety scarlet; foliage bluish green, indicating a strong constitution; habit excellent, free in growth and bloom; stem long and stiff with a strong calyx; it is a splendid commercial red; it is early and an excellent keeper.

\$2.00 per dozen; per 100, \$16.00; \$125.00 per 1000.



## NORWOOD

Flowers averaging  $3\frac{1}{2}$  inches in diameter and of the purest white. Its pleasing fragrance appeals at once to the buyer. It is exceedingly free and continuous in blooming, and is never known to split; the most profitable carnation on the market.

\$1.75 per dozen; per 100, \$12.00; \$100.00 per 1000.

## GLORIOSA

A magnificent shade of pure, light pink, a shade darker than Pink Delight and without the salmon cast. Its color, stem, clean, healthy habit of growth, and its exceptionally good calyx is an advance on the type of carnation now in cultivation; very free and continuous bloomer. Size, form and keeping qualities are all that can be desired. Won first prize at Pittsburgh, January, 1910.

\$2.00 per dozen; per 100, \$16.00; \$125.00 per 1000.

## LAST YEARS INTRODUCTIONS

### DOROTHY GORDON

Deep Enchantress pink; flowers average 3 inches in diameter; it produces one-third more flowers than Enchantress. Dozen, \$1.50; per 100, \$8.00; \$75.00 per 1000.

### SCARLET GLOW

Bright, brilliant scarlet; a perfect well rounded flower; stem long, straight and stiff; calyx perfect, never bursts. Dozen, \$1.50; per 100, \$8.00; \$75.00 per 1000.

### ALMA WARD

An excellent white variety, which flowers early, yet has good long, straight stems. blooms are very large. Dozen, \$1.50; per 100, \$10.00; \$90.00 per 1000.

### MRS. C. W. WARD

A splendid flower; color deep pink; having strong, erect stems 24 to 36 inches in length; an early and free bloomer; shipping qualities perfect; many awards. Dozen, \$1.50; per 100, \$8.00; \$75.00 per 1000.

### SANGAMO

Bright pink, lighter than Winona; very symmetrical petals; calyx never bursts; good long stems; extra good keeper. Dozen, \$1.50; per 100, \$8.00; \$75.00 per 1000.

FOR STANDARD VARIETIES SEE PAGE 96



# NEW CHRYSANTHEMUMS

## THE WELLS-POCKETT-TOTTY SET FOR 1911

### **MRS. G. C. KELLY**

This variety will, next year, be the centre of attraction at the exhibitions, as has been Mrs. David Syme during the season just closed. The color is old rose with a silvery reverse. In size the flower is one of the very largest. Its general make-up and finish is perfection. The stem is stiff and the foliage well up. This is a variety that is destined to make its mark and add more laurels to the name of Mr. Pockett.

Per plant, \$2.00; \$20.00 per dozen.

### **WILLIAM TURNER**

A splendid variety to which no picture does begin to do justice. It will rank among the very largest, and another year, when well grown from early stock, may be the leader of its color. It is a true Japanese reflexed and the petals hang down to meet the foliage. Purely an exhibition variety, but one well worthy of the grower after whom it is named. Crown bud August 15th and later.

Per plant, \$2.00; \$20.00 per dozen.

### **HARRY E. CONVERSE**

Chestnut crimson with bronze reverse. By the time the flower is finished it makes a perfect ball of shining bronze. This is a magnificent variety with very heavy stem and foliage, running six feet high with us this year. It will rank as one of the very best in its color on the exhibition table, either in the long or short stem classes. The best flower with us developed from a bud taken August 20th.

Per plant, \$2.00; \$20.00 per dozen.

### **F. T. QUITTENTON**

A deep crimson, every petal of which naturally reflexes, showing the color to the best advantage. This is a particularly strong grower, conforming in all respects to what is latterly considered the Wells-Pockett type, short-jointed, heavy growth and perfect foliage. F. T. Quittenton does not burn a petal and on that account alone will rank well in the list of crimsons. Do not take bud before August 25th, as earlier buds are so crowded with petals that they cannot properly develop.

Per plant, \$2.00; \$20.00 per dozen.



### **E. M. BYRNES**

Glistening scarlet-crimson, easily the most striking variety in my collection this year. The flower is not large, but the wonderful color is so effective that it can be seen all over the house, as it makes all other crimsons look black and dead by contrast. Will not damp a petal, which is a great recommendation in its favor. Bud from August 20th on.

Per plant, \$2.00; \$20.00 per dozen.

### **LADY CARMICHAEL**

Pure white Japanese reflexed with perfect foliage and stem like an iron rod. This variety was really planted too late to be shown at its best. Next year it will unquestionably find its place very near the top in exhibition whites. Bud August 25th.

Per plant, \$2.00; \$20.00 per dozen.

## AMERICAN SEEDLINGS—INTRODUCTIONS OF 1910

### **F. E. NASH**

Light pink Japanese. Certificated by C. S. A., New York. Raised by A. J. Loveless. A very handsome heavy-growing variety that will easily make its mark. Take bud not earlier than August 20th to get the best colored bloom.

50c. per plant; \$5.00 per dozen; per 100, \$35.00.

### **ALICE M. FLAGLER**

Pure white Japanese incurved, perfect stem and foliage and one that in an average season should rank very high. It might be described as a very much improved Mrs. Robinson, with a heavier stem. Crown bud August 20th.

50c. per plant; \$5.00 per dozen; per 100, \$35.00.

### **PIONEER**

A beautiful soft pink with wide petals, toothed at the ends, giving the flower a very pleasing effect and apparently the pioneer of a new type, nothing like it in form at the present time; a new departure and sure to become a favorite.

A good grower and builds a good flower on any bud. Exhibition and commercial.

50c. per plant; \$5.00 per dozen; per 100, \$35.00.

For a complete collection of all worthy tender Chrysanthemums see Page 96.

Plants Ready March 1.



# NEW AND RARE ROSES FOR 1911

During the last ten years wonderful strides have been accomplished in improving the undisputed "Queen of all flowers" by the world's hybridizers. Much credit reflects upon the American breeders, who have won many laurels in competition with our European experts. The newer roses which we offer are a selection of the very choicest.

## NEW EVERBLOOMING HYBRID TEA ROSES

This class of roses will in near future supplant all other dwarf roses, because it possesses all the ideal qualities a rose ought to have: Beautiful form, sweet fragrance, luxuriant glossy foliage, delicate tints and shades, and continuous blooms, are only the main recommending features. To enjoy beautiful long-stemmed roses during every month from June till frost is only possible when one restricts the selection to this class alone.

**Alice Lindsell.** Creamy white with pink centre, large full flowers with petals of great substance of vigorous growth and very free in blooming. Each 75c., doz. \$7.50.

**Dean Hole.** Silvery carmine, shaded salmon, very large, full flowers with high centre; a splendid rose for cutting. Each 75c., doz. \$7.50.

**Florence Pemberton.** Creamy white, edges of petal slightly tinted pink, large and full. Each 75c., doz. \$7.50.

**General McArthur.** Large full flowers of great depth; color, bright, warm red. Each 75c., doz. \$7.50.

**Harry Kirk.** Deep sulphur yellow, lighter at the edges of the petals; blooms large and full; a real new desirable color. Each \$1.00; doz. \$10.00.

**Joseph Hill.** Salmon pink, shaded with yellow, outer petals tinted coppery pink, long bud, very large full flowers. Each 75c., doz. \$7.50.

**Madame Ravary.** Beautiful golden yellow, long pointed buds opening to large full orange yellow flowers; very free ..... \$0.75    \$7.50

**Mrs. Peter Blair.** Flowers of medium size and good shape; color, lemon chrome with golden centre.... .75    7.50

**The Lyon.** Long coral red buds opening to very large globular flowers; the edges of petals are shrimp pink, centre coral red or salmon pink, tinted with chrome yellow at the base; a most charming variety ..... .75    7.50

**Special Offer:** The "Novelty Collection" of one each of above nine roses for ..... 6.50

All Roses Furnished from 4= or 6=inch Pots.

## New Climbing Roses

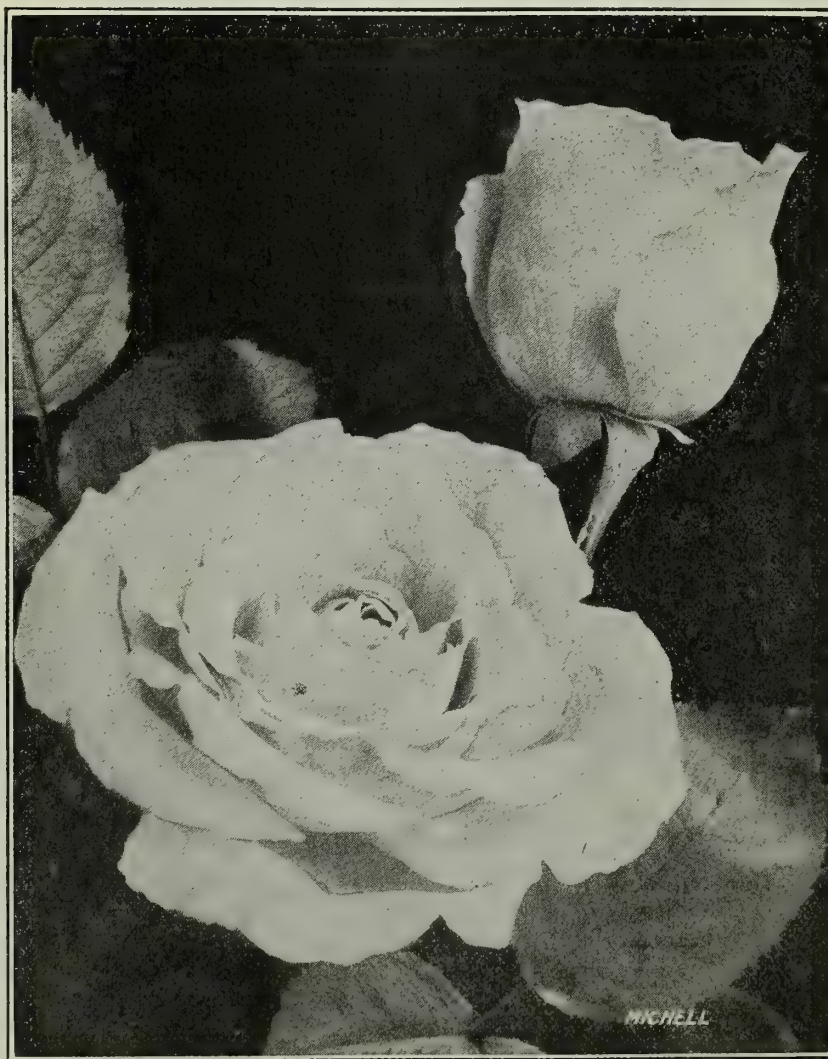
The newer introductions in this class are very desirable and will soon be popular with every garden.

**American Pillar.** A rapid climber with lustrous green foliage; the flowers are large, single and borne in clusters; color, a chaste shade of pink with bright yellow stamens. In the fall the plants are covered with bright red seeds trips. Each 60c., doz. \$6.00.

**White Dorothy Perkins.** A pure white sport of the well-known Dorothy Perkins, having the same habit of growth and freedom of flowering. It is, in fact, the first desirable double white climbing rose in existence. Each 60c., doz. \$6.50.

**Veilchenblau (Violet Blue).** A most sensational novelty. A strong grower, the plants when in full bloom are covered with large clusters of violet blue flowers. The buds open in what may be termed as violet red and when fully expanded they assume a violet blue color; the effect is unique and striking. Each 75c. doz. \$8.50.

**Climbing American Beauty.** One of the best novelties of recent years. The flowers are the exact counterpart of the well-known "American Beauty," on extremely long stems. The plants while not exactly climbing grow fully 7 to 8 feet tall and are therefore ideal "pillar" roses. Each \$2.00.



Rose Florence Pemberton

**Christine Wright.** An ever-blooming climbing rose with large double pink flowers which appear both in single specimen and in clusters. The luxuriant foliage is never touched by mildew and the flowers appear continuously during the whole season ..... \$1.00

**Flower Fairfield.** The exact duplicate of the popular "Crimson Rambler" with the addition that the flowers appear the whole season from June till frost... .60    \$6.00

**Tausendschon.** Trusses of 10 to 15 flowers, each individually large, of a delicate pink; when plants are in full bloom it is the most effective variety to our knowledge ..... .50    5.00

All Roses Furnished from 4= or 6=inch Pots.

FOR COMPLETE LIST OF ALL ROSES SEE PAGES 105, 106, 107.



# MERITORIOUS NOVELTIES IN VEGETABLES

If any Peas or Beans are wanted by mail, add 8 cents per pint or 15 cents per quart for postage.

## NEW PEA, "NEGRO"

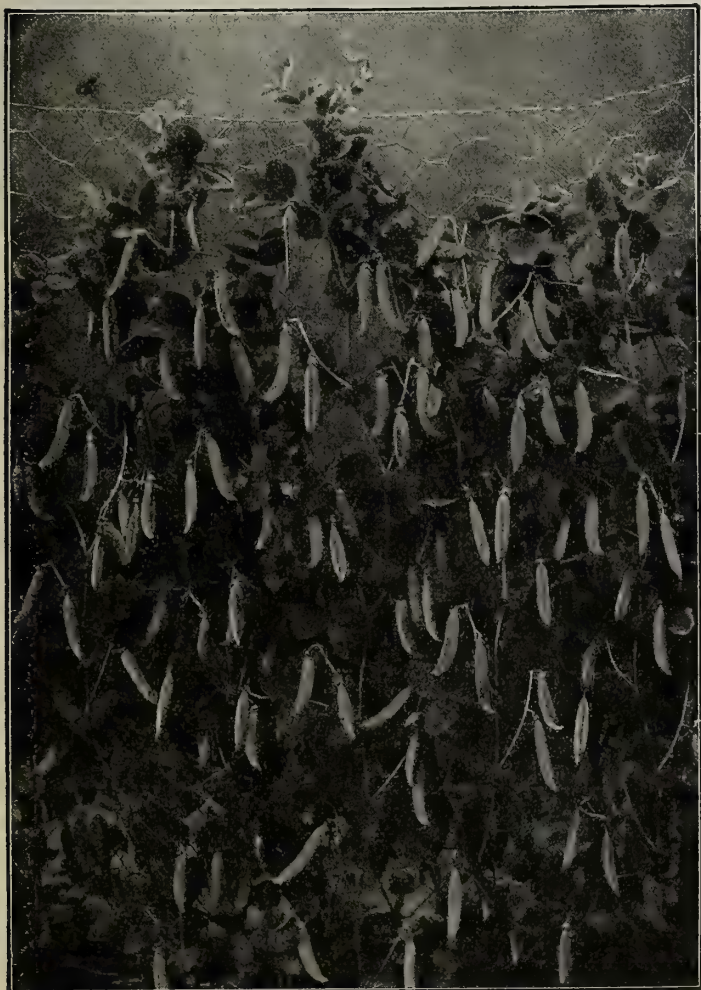
An exceptional novelty, vigorous vines of 3 foot height, produce innumerable pods of fully 3 inches in length, of a deep violet blue color, while the peas are of a light green. The pods appear early and the fruit has a most delicious flavor. The color of the pod makes the plant most attractive in the garden and makes it comparatively easy to pick all pods and not overlook any; worthy of trial.

Per packet, 20c.; 50c. for 3 packets.

## NEW PEA "SAXONIA"

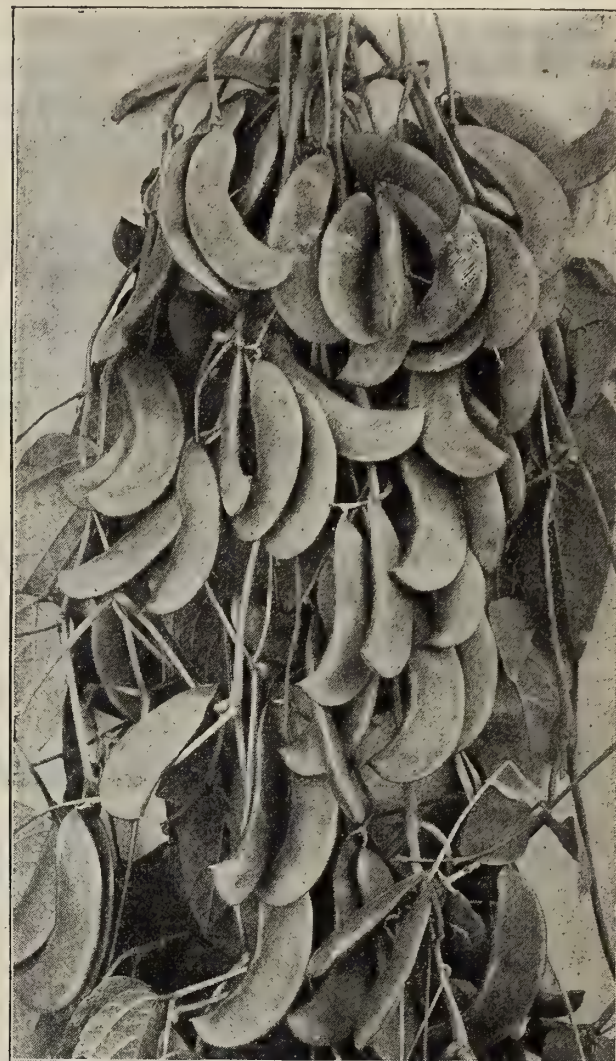
One of the earliest Peas yet, producing pods from 3½ to 4 inches in length; plants grow 2 feet high, of healthy, vigorous growth. It is a white-seeded, round-podded Pea, and its productiveness is its main feature.

Per pkt., 15c.; 35c. per pint; per qt., 60c.; \$2.00 per 4 qts.; pk. \$3.50; \$12.00 per bu.



New Pea, "Saxonia"

**"DISTINCTIVE"  
QUALITY  
OUR LEADING  
FEATURE**



*Michell's Evergreen Pole Lima Bean*

## MICHELL'S EVERGREEN POLE LIMA BEAN

A variety which had its origin in Philadelphia. This remarkable pole lima equals the earliest for earliness, is far more productive than any other and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather.

Pkt. 15c.; 35c. per pt.; per qt., 60c.; \$2.00 per 4 qts.; pk., \$3.75.

## HOLMES GREEN PROLIFIC POLE LIMA BEAN

Very similar to Michell's Evergreen Pole Lima, but not quite so prolific. Pkt. 15c.; 35c. per pt.; per qt., 60c.; \$2.00 per 4 qts.; per pk., \$3.75.

## CARPENTERIA POLE BEAN

Like Michell's Evergreen, this is a green-seeded variety. The vine is very strong and of vigorous growth. The beans are very large and fleshy and come 3 to 4 in a pod. Pkt., 15c.; 30c. per pt.; per qt., 50c.; \$1.75 per 4 qts.; \$3.25 per pk.

### TESTIMONIAL

I am pleased to report great success with the Michell's Evergreen Pole Lima, seed furnished by you this spring. This is a superior type, being very sweet, high flavored and running 5 to 6 beans per pod. (Signed,) LAWRENCE KEOHAN, Wynnewood, Pa.

November 1st, 1910.



## MICHELL'S SPECIALTIES IN VEGETABLE SEEDS

Everyone engaged in gardening is ever welcoming the improved type of various vegetables ; the private gardener especially is in quest of them. In order to satisfy the demand we have had the growers of our various vegetable seeds *make special selections*, from which extra good results can be expected. There has been very little advance in price of these over the regular strains (just enough to cover the cost of extra attention). We feel sure that our customers will like this new departure in our catalogue, and by ordering the improved strains their garden will be more bounteous and successful than ever.

### BEAN—BURPEE'S BUSH LIMA (Improved Strain)

The true type of large lima bean, growing in the bush form. This strain is extra good. The largest size beans were selected from the healthiest and most vigorous plants. Pint, 25c. (postpaid, 33c.); 45c. per qt. (postpaid, 65c.); 4 qts., \$1.75 ; \$3.25 per peck.

### BEAN—FORDHOOK BUSH LIMA

An improved form of Dreer's Bush Lima but much earlier, more productive and grows upright.  $\frac{1}{2}$  pint, 15c. ; 25c. per pint (postpaid, 33c.); per qt., 45c. (postpaid 60c.).

### BEAN—MICHELL'S (Large Selected) POLE LIMA

The finest large pole lima in existence, grown especially for us. The beans are enormous and are produced in large quantity. Pint, 20c. (postpaid, 28c.); 40c. per qt. (postpaid, 55c.); 4 qts., \$1.50; \$2.75 per peck.

### BEAN—DWARF GOLDEN WAX (Improved Strain)

The pods produced from this selection will be strictly rust-proof and perfect in form. Every gardener will do well to plant this type. Pint, 25c. (postpaid, 33c.); 40c. per qt. (postpaid, 55c.); 4 qts., \$1.50 ; \$2.50 per peck.

### BEAN—STRINGLESS GREEN POD (Improved Strain)

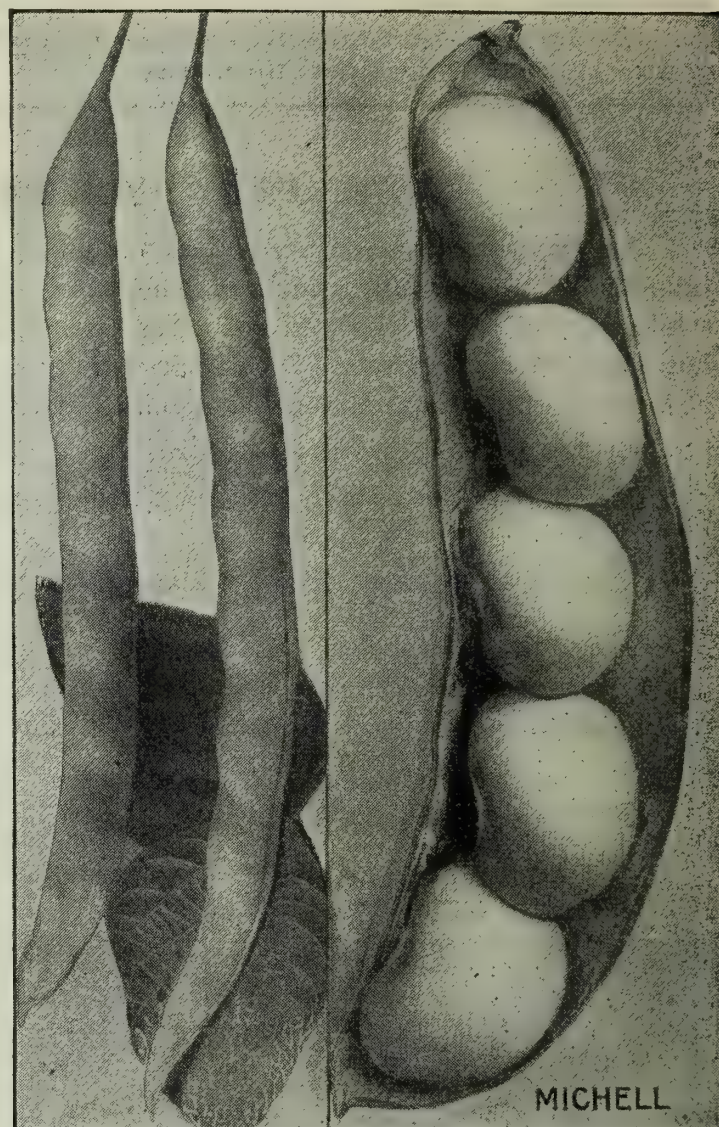
Only the very longest pods were selected in harvesting this seed, and those planting may expect very long slender pods entirely stringless. Pint, 20c. (postpaid, 28c.); 40c. per qt. (postpaid, 55c.); 4 qts., \$1.50; \$2.75 per peck.

### BEET—CRIMSON GLOBE (Improved Strain)

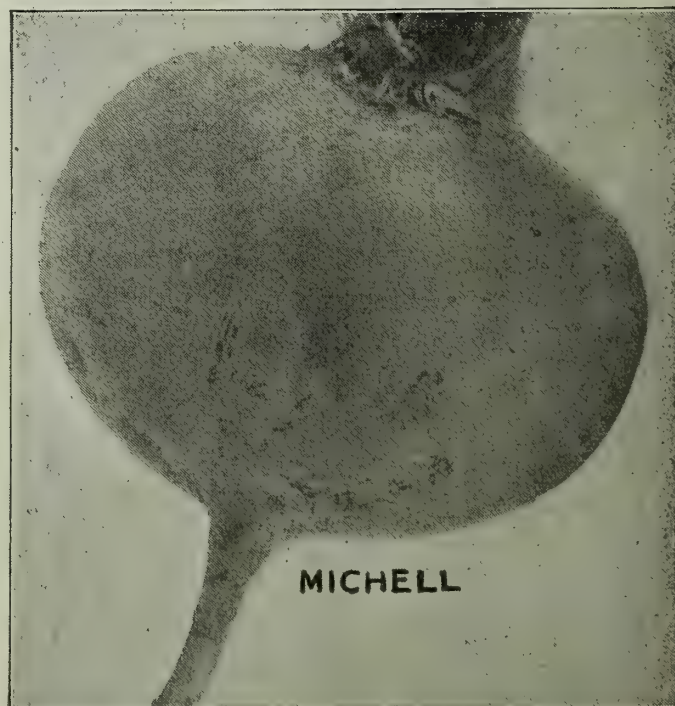
This is the finest beet for shape, quality, color and yield that can be desired by anyone. Pkt., 5c.; 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

### BEET—SWISS CHARD GIANT LUCULLUS

Swiss Chard in the past few years has become extremely popular. It is a spinach-like vegetable but is more prolific in every way. The Lucullus type is far ahead of the old time variety and is worthy of considerable attention. Pkt., 5c.; 15c. per oz.;  $\frac{1}{4}$  lb., 35c ; \$1.00 per lb.



*Mitchell's (Improved Strain) Stringless Green Pod Bean*      *Mitchell's Large Selected Jersey Lima*



*Mitchell's (Improved Strain) Crimson Globe Beet*





*Magnificent Celery*



*Early Giant Wonder Sugar Corn*



*(Improved Strain) Deacon Lettuce*

## **SPECIALTIES IN VEGETABLE SEEDS** (Continued)

### **CELERY—MAGNIFICENT**

One of the grand winter varieties, stalks very long and thick, with a full heart; very brittle and nutty; fine for early winter use (not autumn). Pkt., 10c.; 20c.  $\frac{1}{2}$  oz.; oz., 40c.; \$1.25 per  $\frac{1}{4}$  lb.

### **CELERY—SILVER SELF-BLANCHING**

A cross between White Plume and Golden Self-Blanching. A very sturdy grower with a large, heavy stalk; fine for early use as it blanches very easily. Pkt., 10c.; 25c. per  $\frac{1}{2}$  oz.; per oz., 50c.; \$1.50 per  $\frac{1}{4}$  lb.

### **SUGAR CORN—EARLY GIANT WONDER**

Last year we offered this, and all who planted it agreed that it was the earliest true sweet corn. The ears are very large and are borne in abundance. Pint, 20c. (postpaid, 25c.); 40c. qt. (postpaid, 50c.); 4 qts., \$1.40; \$2.50 per peck; bu., \$10.00.

### **SUGAR CORN—COUNTRY GENTLEMEN** (Improved Strain)

The popular second early variety, the sweetest of all corns. This strain produces large well-filled ears and is exceptionally fine. 20c. pt. (postpaid, 25c.); 40c. per qt. (postpaid, 50c.); \$1.50 for 4 qts.; peck, \$2.75; \$10.00 per bu.

### **SUGAR CORN—STOWELL'S EVERGREEN** (Improved Strain)

The finest selection of this popular late variety, the seed having been harvested from perfect specimen ears; it will yield wonderful results. 20c. pint (postpaid, 25c.); qt., 40c. (postpaid, 50c.); \$1.50 per 4 qts.; peck, \$2.75; \$10.00 per bu.

### **LETTUCE—DEACON (Improved Strain)**

This variety produces a medium size head, and is fine for early summer use. Market gardeners grow it extensively on account of its many satisfactory qualities. The head is solid and buttery. 10c. pkt.;  $\frac{1}{2}$  oz., 15c.; 25c. oz.;  $\frac{1}{4}$  lb., 75c.; \$2.25 per lb.

### **LETTUCE—TENNISBALL (Improved Strain)**

This variety is one of the early spring sorts also suited to forcing. The head is small but wonderfully solid, it is very buttery and makes very little waste. Pkt., 10c.; 15c. per  $\frac{1}{2}$  oz.; per oz., 25c.; 75c. per  $\frac{1}{4}$  lb.; lb., \$2.00.

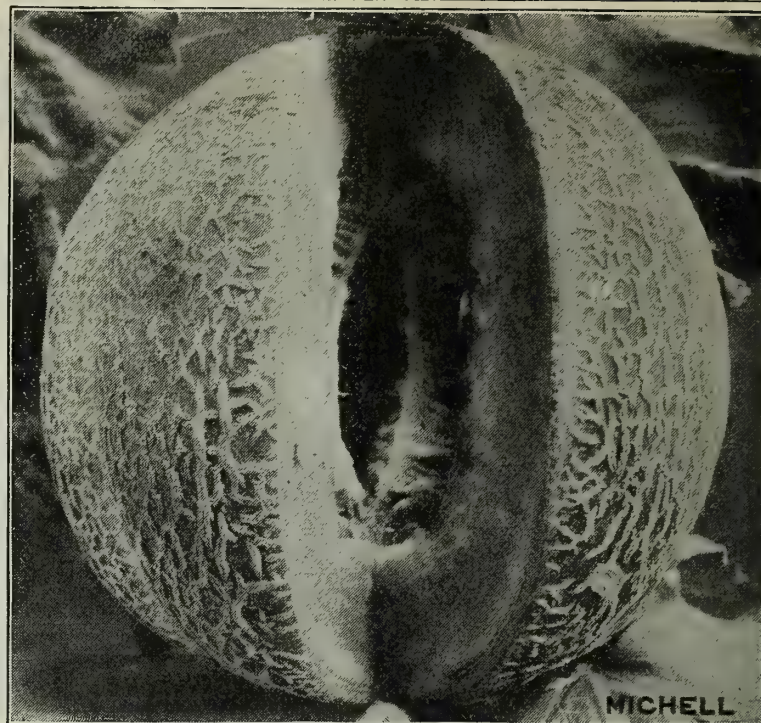


## SPECIALTIES IN VEGETABLE SEEDS

(Continued)

### MUSKMELON—ROCKYFORD (Improved Strain)

This variety is now the best of the cantaloupes. It is very prolific, sweet and fleshy. The inside is green and the meat is abundant up to the skin, which is thin. Our improved strain is exceptionally choice. Pkt., 10c.; 15c. per  $\frac{1}{2}$  oz.; oz., 25c.; 75c. per  $\frac{1}{4}$  lb.



(Improved Strain) Rockyford Melon

### OKRA—PERKINS' SPECIAL STRAIN

The dwarfest, most prolific, as well as hardiest okra grown. The pods begin to form when the plant is 15 inches high. It is also very early. Pkt., 5c.; 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 70c. per lb.

### PARSLEY—COVENT GARDEN (Improved Strain)

The finest parsley in existence; grown especially for us in England, where the best parsley is produced. This sort is the principal variety offered in the Covent Market in London. Pkt., 5c. and 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.25 per lb.



Parsley (Improved Strain) Covent Garden

### PEA—DUKE OF YORK (Improved Strain)

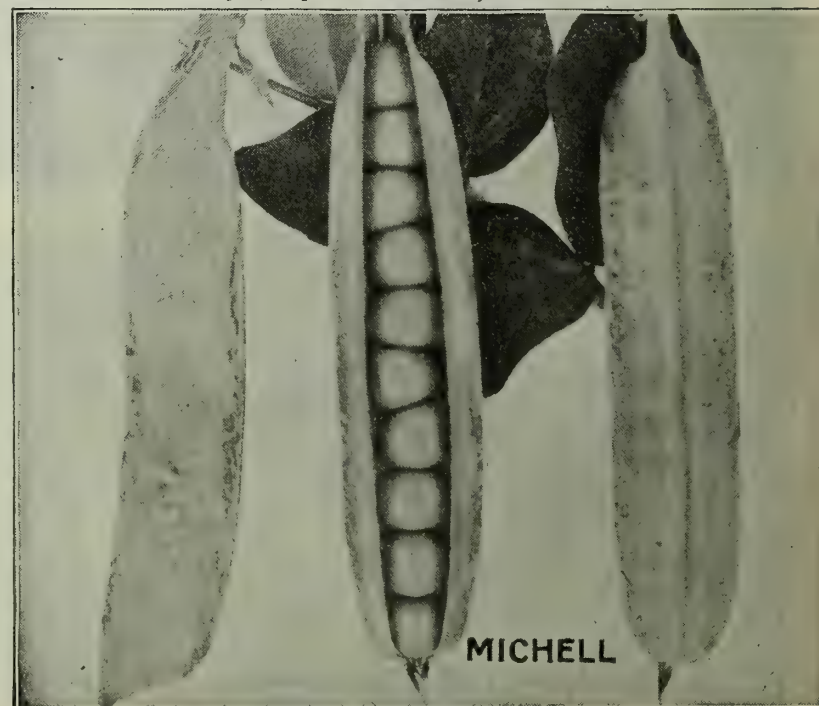
A large podded, luscious variety, even surpassing the Telephone sort in quality. Pods are enormous and well filled. It is the best of the late marrowfat types and should be planted more extensively. Height, 2 $\frac{1}{2}$  feet. Pkt., 10c.; 20c. per pint (postpaid, 28c.); qt., 40c. (postpaid, 55c.); \$1.35 per 4 qts.; peck, \$2.60; \$10.40 per bu.

### PEA—MICHELL'S SPECIAL EXTRA EARLY

A smooth, seeded variety which can be sown at the first signs of spring; very prolific; grows about two feet and comes into bearing in 55 days. Be sure to grow some of this famous sort. Pkt., 10c.; 25c. per pint (postpaid, 33c.); qt., 50c. (postpaid, 65c.); \$1.75 per 4 qts.; peck, \$3.25; \$12.00 per bu.

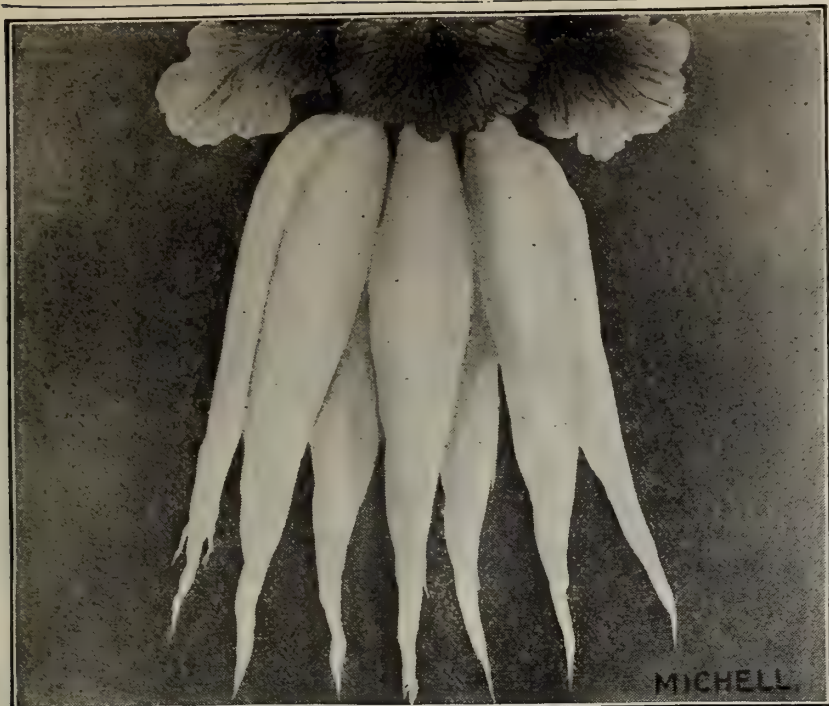
### PEA—NOTT'S EXCELSIOR (Improved Strain)

The best wrinkled, early garden pea grown; the pods are enormous and well filled with tender peas. Our improved strain of this is extra good. Height about 15 inches. Pkt., 10c.; 25c. per pint (postpaid, 33c.); qt., 45c. (postpaid, 60c.); \$1.75 per 4 qts.; peck, \$3.25; \$12.00 per bu.

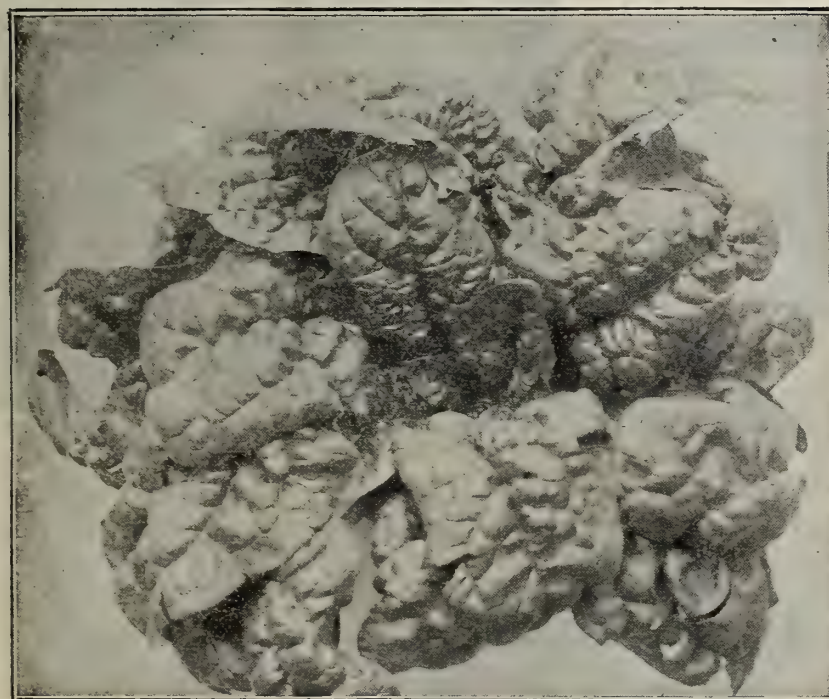


(Improved Strain) Nott's Excelsior Pea





*Michell's (Improved Strain) Icicle Radish*



*Michell's (Improved Strain) Bloomsdale Spinach*



*Michell's "Private Stock" Stone Tomato*

## SPECIALTIES IN VEGETABLE SEEDS

(Continued)

### RADISH—CARDINAL GLOBE

(Improved Strain)

If you want the very best red radish sow this one. The color is a vivid scarlet, shape oval to round and perfectly formed. It is grand for forcing or outdoor planting, top very short. Pkt., 5c. and 10c.; 15c. per oz.; per  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

### RADISH—ICICLE (Improved Strain)

Exceptionally well named on account of its long thin root which is almost transparent. Adapted for forcing, and especially for summer outdoor sowing, the top is very short. Pkt., 5c. and 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

### SPINACH—BLOOMSDALE (Improved Strain)

The most popular Savoy leaved spinach grown. Our improved strain is a large yielder and perfect in form of leaf, etc.; excellent for sowing under glass, also for early spring and fall use outdoors. 10c. per oz.; per  $\frac{1}{4}$  lb., 20c.; 30c. per  $\frac{1}{2}$  lb.; per lb., 50c.; \$2.00 per 5 lb.

### SPINACH—LONG SEASON

No variety stands the summer heat like this one. The leaf is of a Savoy type and very thick. The leaves are very short, color a dark green and produced in quantity. Pkt., 5c.; 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 35c. per  $\frac{1}{2}$  lb.; lb., 60c.; \$2.75 per 5 lbs.

### TOMATO—MICHELL'S VERY FIRST

A well-known early sort, in fact it is the earliest large size tomato grown. Some of our customers have reported that it ripened earlier than the Earliana. The color is a beautiful red, the fruits are generally borne in clusters and are very meaty. 20c. per pkt.;  $\frac{1}{2}$  oz., 35c.; 60c. per oz.; per  $\frac{1}{4}$  lb., \$2.00.

### TOMATO—THE STONE (Private Stock)

This strain of Stone Tomato is selected from the largest, most solid and perfectly formed fruits and is far superior to the regular type. For a general crop few tomatoes can equal it and none surpass it. Pkt., 10c., 20c. per  $\frac{1}{2}$  oz.; per oz., 40c.; \$1.25; per  $\frac{1}{4}$  lb.; lb., \$4.00.



# MICHELL'S "DISTINCTIVE" FRESH TESTED VEGETABLE SEEDS

## ANISE

For sowing ; used extensively for flavoring ; the seed is very aromatic. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c.

Artischoke (Ger.)

## ARTICHOKE

Artichaut (Fr.)

The Green Globe, a variety produced from seed entirely, is used largely in the kitchens of Europe's best epicurians.

Sow the seed thinly in April in drills, and when about four inches high transplant to rows three feet apart, two feet apart in the row. If the seed is sown in the early winter, the plants will be fit for use the first year. They are hardy but require winter protection. Cut the heads before they expand and always cut them off if they are used or not, otherwise the plant will stop yielding.

**Green Globe.** Pkt. 5c., 15c. per  $\frac{1}{2}$  oz., 30c. per oz., per  $\frac{1}{4}$  lb. \$1.00.

**Green Globe Artichoke Plants** (*Ready in April*). \$1.50 per doz., 25 for \$2.50, \$10.00 per 100.

**Jerusalem Artichoke Roots.** This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. Qt. 15c., \$1.00 per pk., bu. \$3.00.

Spargel (Ger.)

## ASPARAGUS

Asperge (Fr.)

One ounce will sow sixty feet of drill, 5 lbs. to the acre

Asparagus should be sown in the open ground in April or May in rows one or two feet apart. Transplant the roots the second or third year, where they are to remain permanently, in rows three feet apart, one foot apart in the row. It should not be cut until the fourth year.



*Giant D'Argenteuil Asparagus*

**Barr's Mammoth.** The best variety in cultivation, immense heads are produced of a good green color. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 80c. per lb.

**Columbian Mammoth White.** Large handsome type, producing immense stalks. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 85c. per lb.

**Conover's Colossal.** The standard variety, of large size, tender and of excellent quality. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 20c., 50c. per lb.

**Giant D'Argenteuil.** An excellent sort, coming into prominence the last few years ; the root produces immense spikes of a white-colored asparagus, often one foot in length ; originated in France. Pkt. 10c., 20c. per oz., per  $\frac{1}{4}$  lb. 40c., \$1.25 per lb.

**Palmetto or Eclipse.** An early, prolific and very desirable variety. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 20c., 50c. per lb.

## BOOKS ON ASPARAGUS CULTURE

By Barnes and Robinson, 50c. per copy.

By Michell, 10c. per copy.

The latter book included free with all seed orders where asked for.



*Green Globe Artichoke*

## ASPARAGUS ROOTS

**Two Years Old. Extra Strong and Healthy Roots.**

About 2,500 roots are required to plant an acre

**Barr's Mammoth.** The old favorite sort. Per 100, 75c.; \$2.75 for 500 ; per 1000, \$5.00.

**Columbian Mammoth White.** A very tender variety. Per 100, 75c.; \$3.00 for 500 ; per 1000, \$5.00.

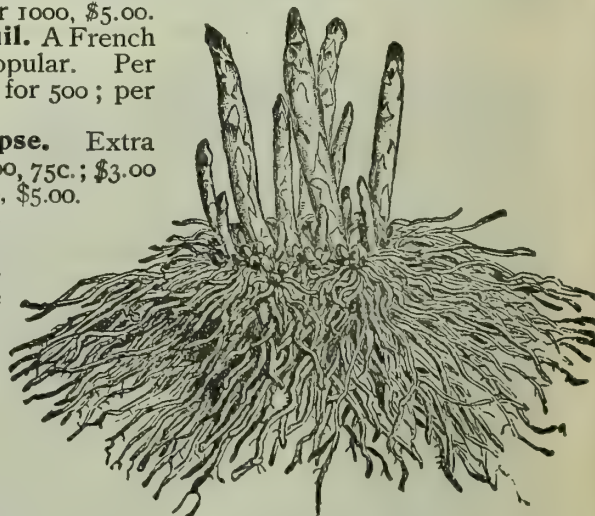
**Conover's Colossal.** Giant stalks, very prolific. Per 100, 75c.; \$3.00 for 500 ; per 1000, \$5.00.

**Giant D'Argenteuil.** A French variety, very popular. Per 100, \$1.00 ; \$4.50 for 500 ; per 1000, \$8.00.

**Palmetto or Eclipse.** Extra early sort. Per 100, 75c.; \$3.00 for 500 ; per 1000, \$5.00.

**Extra Selected 3-Year-Old Asparagus Roots** in any of the above varieties. Per 100, \$1.50 ; \$3.50 for 250 ; per 1000, \$12.50

**Giant Forcing Asparagus Roots.** Eight years old. Per doz., \$2.00 ; \$3.50 for 25 ; per 100, \$12.00.



*A Well-Developed Asparagus Root*

## BALM

The leaves are used for making wine, tea, etc. Pkt., 5c. and 10c.; 30c. per oz.



Bohnen (Ger.)

**BEANS (Dwarf or Bush Varieties)**

Haricot (Fr.)

One quart will plant 100 feet of row, one and a half bushels per acre

Plant Beans as soon as the ground has become warm enough, in drills 2 or 3 feet apart each way. Make the last sowing in this latitude about August 10th.

We regret to have to report that the Bean Crop the past year was almost a failure, and somewhat higher prices rule.

Note.—If Beans are desired by mail, add 8c. per pint, 15c. per quart for postage.

Large Packets of all Varieties of Beans, 10c. postpaid.

**GREEN PODDED VARIETIES**

**Best of All.** A highly desirable sort for private garden use, the pods are long, set early and yield in great abundance; very tender. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

**Black Valentine.** Pods very long and slender, round and well flavored. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

**(S) Boston Navy or Pea.** Used principally for shelling for winter use. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.50 per peck, bu. \$6.00.

**(S) Broad Windsor.** An English bean used in the dry state shelled, plant in rows about 3 feet apart, about 8 inches apart in the row. 20c. per pt., per qt. 35c., \$1.25 per 4 qts., \$2.00 per peck, bu. \$8.00.

**Early Long Yellow Six Weeks.** The word yellow refers to the seed only, pod flat, very early, tender and long. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.50 per peck, per bu. \$6.00.

**Early Mohawk.** This variety can be planted before any other sort, being quite hardy, large cropper, flat pod. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.50 per peck, per bu. \$6.00.

**Emperor William.** Used principally for forcing, flat pod, very tender. Per pt. 35c., 60c. per qt., 4 qts. \$2.15, \$3.75 per peck.

**Extra Early Refugee.** An extremely early, fleshy, round-pod variety. 15c. per pt., per qt. 25c., 90c. per 4 qts., per peck, \$1.50. \$6.00 per bu.

**Giant Forcer.** One of the newer, large-podded sorts, measuring 5 to 6 inches long, flattish shaped, very tender. Per pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, bu. \$9.00.

**Hodson.** A prolific round-podded sort, keeps free from blight or any other disease, very vigorous and prolific. 15c. per pt., per qt. 30c., \$1.10 for 4 qts., per peck \$2.00, \$8.00 per bu.

**Improved Red Valentine.** A favorite red-seeded sort, very early and extensively used by almost everyone. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.60 per peck, \$6.40 per bu.

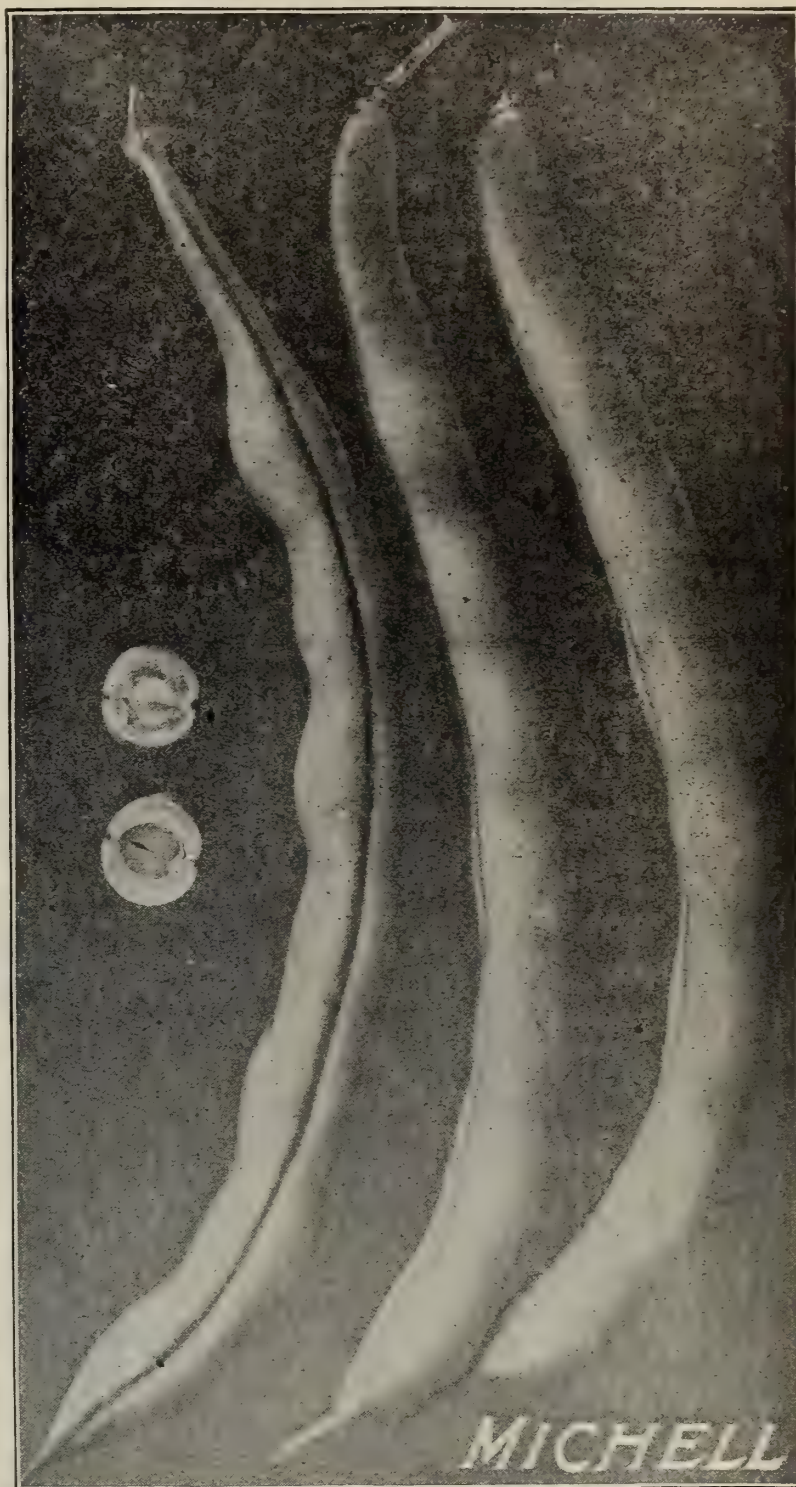
**Mammoth Stringless or Giant Valentine.** An improvement on Burpee's Stringless Green Pod and, while not so prolific, makes a much larger pod. Per pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, bu. \$9.00.

**Triumph of the Frames.** For forcing this is especially desirable, the pods are round, thin and tender but very long. It is also desirable for outdoor planting. Per pt. 25c., 45c. per qt., 4 qts. \$1.60, \$2.75 per pk., bu. \$11.00.

**(S) White Kidney or Royal Dwarf.** Principally used as a shelled bean for winter use, color pure white. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.60 per pk., per bu. \$6.40.

**(S) White Marrowfat.** Used extensively in winter as a shelled bean for soups, etc. 15c. per pt., per qt. 25c., 90c. for 4 qts., per peck \$1.60, \$6.40 per bu.

**Longfellow.** A splendid green string bean, with extra long well formed pods; tender, early and delicious; very prolific and profitable to grow. 15c. pt., qt. 30c., \$1.10 per 4 qts., peck \$2.00, \$8.00 per bu.



*Stringless Green Pod Bean*

**Stringless Green Pod.** A positively stringless sort, the pods are round, very long and produced in wonderful profusion. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per pk., bu. \$8.00.

**Stringless Green Pod (Improved Strain).** 20c. per pt., per qt. 40c., \$1.50 per 4 qts., peck \$2.75, \$11.00 bu.

**Sion House.** A round-podded sort, suited to forcing. A great producer, excellent also for sowing outdoors. 35c. per pt., per qt. 60c., \$2.15 per 4 qts., peck \$3.75.

**NITROGEN-GATHERING BACTERIA**

Beans treated with this culture will yield far differently than those planted in the ordinary way. **Trial Packages**, with full instructions, 25c. and 50c. For full information see page 154.

"S" in front of any variety denotes that it is used for shelling



**NOTE.—If beans are wanted by mail add 8c. per pint or 15c. per quart to prices herewith quoted**

## BEANS (Continued)

### DWARF WAX PODDED VARIETIES

**Black or German Wax.** A round-podded, hardy sort, entirely stringless, very early and desirable. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

**Stringless White Wax.** A very hardy variety for early planting, makes a beautiful pod almost pure white. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.75 per peck, bu. \$10.00.

**Currie's Rust-Proof Wax.** An improved type; a tremendous yielder with a slight string, long flat pods. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.10 per peck, bu. \$8.40.

**Dwarf Golden Wax.** The standard wax bean, the pods are long, flat and very fleshy, absolutely rust-proof. 15c. per pt., qt. 30c., \$1.10 per 4 qts., peck \$2.00, \$8.00 per bu.

**Dwarf Golden Wax. (Improved Strain).** 25c. per pt., per qt. 40c., \$1.50 per 4 qts., peck \$2.50, \$10.00 per bu.

**Hodson Wax.** This is an absolutely rust-proof sort, the pod is half-round, almost flat; very tender and long. Per pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, bu. \$9.00.

**Round-Podded Kidney Wax.** A vigorous grower, producing very fleshy pods, entirely stringless and rust-proof. Per pt. 25c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, bu. \$9.00.

**Valentine Wax.** The earliest wax bean in cultivation; pods round, rust-proof and very fleshy; entirely stringless. Per pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, per bu. \$9.00.

**Wardwell's Kidney Wax.** A favorite market bean; pod flat, very long and productive. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

**Davis' White Wax.** A long slender-podded sort, almost white, very fine. Pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

### POLE STRING BEANS (Not Lima)

Plant in hills four feet apart, four or five beans to a hill, eyes downward, afterward thin to three plants in a hill. Set the poles (which should be eight to ten feet high) before planting.

**Early Golden Cluster Wax.** Pods very tender, six to eight inches long, of large size, borne profusely in large clusters of three to six beans; beautiful golden yellow color, which they retain after being picked. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.75 per peck, bu. \$11.00.

**Horticultural or Speckled Cranberry. (Green Pod.)** Very early and prolific, should be in all gardens. Pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

**Kentucky Wonder. (Green Pod.)** One of the best green pole beans, producing pods in clusters, ready for use about 85 days from time of planting. Pt. 20c., 35c. per qt., 4 qts. \$1.20, \$2.25 per peck, bu. \$9.00.

**Lazy Wife's. (Green Pod.)** Excellent, heavy cropper. Pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, bu. \$9.00.

**Scarlet Runner. (Green Pod.)** Sometimes used for its showy scarlet flowers. Pt. 20c., 35c. per qt., 4 qts. \$1.20, \$2.00 per peck, bu. \$8.00.

### BUSH LIMA BEANS

**Burpee's.** A true, large-seeded lima in dwarf form. 20c. per pt., per qt. 35c., \$1.25 per 4 qts., peck \$2.25, \$9.00 per bu.

**Burpee's Bush Lima (Improved Strain).** Pt. 25c., 45c. per qt., 4 qts. \$1.75, \$3.25 per peck, bu. \$12.00.

**Dreer's.** A small, round-seeded, late variety. 20c. per pt., per qt. 35c., \$1.25 for 4 qts., peck \$2.25, \$9.00 per bu.

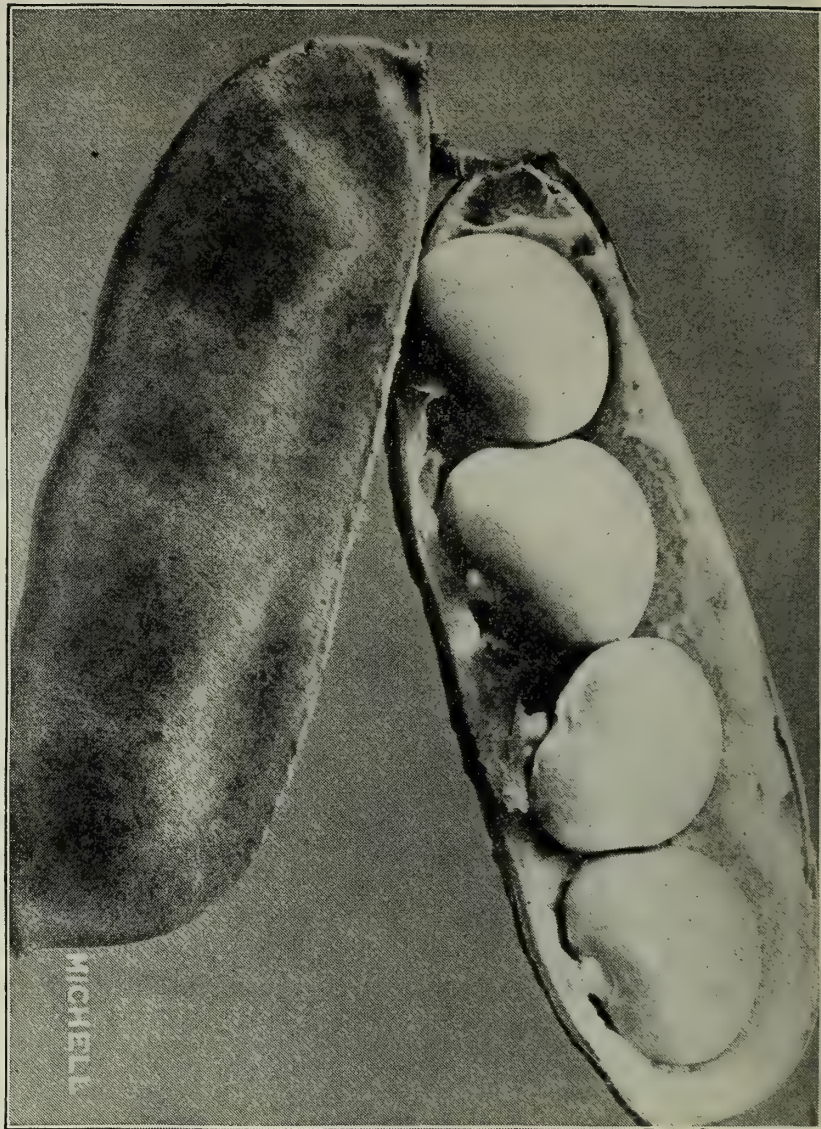
**Fordhook Bush Lima.** An improved type of Dreer's Bush Lima, excepting that it is also very much earlier. Pt. 25c. (postpaid 33c.), 45c. per qt. (postpaid 60c.), 4 qts. \$1.60, \$3.00 per peck, bu. \$12.00.

**Henderson's.** The earliest sort, beans very small and tender, of excellent flavor. 20c. per pt., per qt. 35c., \$1.25 for 4 qts., peck \$2.25, \$9.00 per bu.

**New Wonder.** An improvement on the Burpee's Bush Lima which it resembles, except that it is much earlier. 20c. per pt., per qt. 35c., \$1.25 for 4 qts., peck \$2.25, \$9.00 per bu.

### RED CEDAR BEAN POLES

Extra selected quality, 25 for \$2.75, \$5.00 per 50, per 100 \$9.00



*Pole Lima Bean, Shotwell's Improved*

### POLE LIMA BEANS

Stangen Bohne (Ger.)

Haricots A Rames (Fr.)

One quart will plant 150 hills—12 to 15 quarts per acre

**Dreer's Improved or Challenger.** Early and more prolific than the Large Lima; beans small, extra quality. 20c. per pt., per qt. 35c., \$1.25 per 4 qts., peck \$2.25, \$9.00 per bu.

**Extra Early Jersey.** An excellent variety, prolific and tender. 20c. per pt., qt. 35c., \$1.25 for 4 qts., peck \$2.25, \$8.00 per bu.

**Ford's Mammoth Podded.** The most valuable and prolific variety. Pods six to nine inches long; excellent for the home garden. 20c. per pt., qt. 35c., \$1.30 per 4 qts., peck \$2.25, \$8.00 per bu.

**King of the Garden.** Vigorous grower, requiring but two vines to each pole, producing a continuous bloom and fruitage to extreme end of season. Pods are of enormous size, many specimens measuring from five to eight inches, producing as high as six beans to the pod, perfectly formed and of superior quality. 15c. per pt., qt. 30c., \$1.10 per 4 qts., peck \$2.00, \$8.00 per bu.

**Leviathan.** An extra early type, a tremendous bearer, growing in clusters, claimed to be one week earlier than any pole lima. 20c. per pt., per qt. 35c., \$1.25 per 4 qts., peck \$2.25, \$9.00 per bu.

**Michell's Selected Large Jersey.** Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large fine beans, all hand picked. 20c. per pt., qt. 40c., \$1.50 per 4 qts., peck \$2.75, \$11.00 per bu.

**Shotwell's Improved.** An extra early sort similar to Dreer's Improved but much more desirable. It is sweet and tender, the first Lima in the market. 20c. per pt., qt. 40c., \$1.50 per 4 qts., peck \$2.50, \$9.00 per bu.

**Siebert's Extra Early.** The earliest pole Lima. Very productive and tender. 20c. per pt., qt. 35c., \$1.30 per 4 qts., peck \$2.25, \$8.00 per bu.

PACKETS of Beans at the uniform price, 10c. postpaid. Our Lima Beans are all carefully Hand Picked





Crimson Globe Beet

**BEET (Mangel-Wurzel)**

Used for Feeding Cattle

Sow 5 lbs. per acre

Sow in April and May in thoroughly plowed, well-manured soil, in drills two inches deep, about twenty-four inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzels.

**Mammoth Long Red.** This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to forty pounds. It is the best long red mangel and very valuable for stock feeding. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 48c.), 5 lbs. \$1.75 (by express or freight).

**Golden Tankard.** The best long yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 43c.), 5 lbs. \$1.75 (by express or freight).

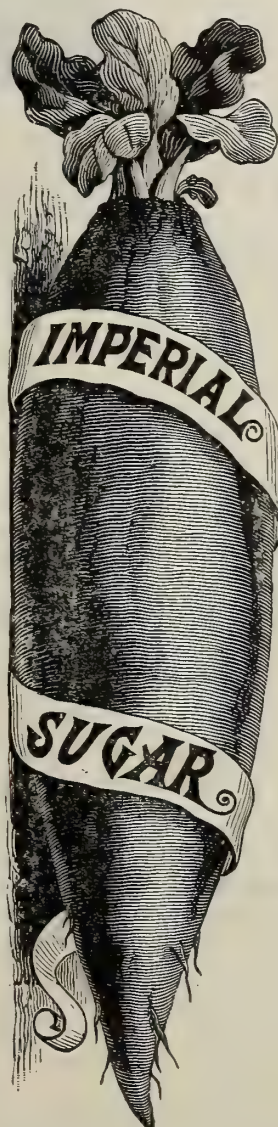
**Red Globe.** An excellent sort, very prolific, good for late planting. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 43c.), 5 lbs. \$1.75 (by express or freight).

**Yellow Globe.** Contains a large amount of sugar properties, relished by cattle. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 43c.), 5 lbs. \$1.75 (by express or freight).

**Norbiton Giant.** Very large, with small top, one of the best long red varieties. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 43c.), 5 lbs. \$1.75 (by express or freight).

**Improved Imperial White Sugar Beet.** An improvement on the other varieties of sugar beets, hardier, and containing a greater percentage of sugar. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 43c.), 5 lbs. \$1.75 (by express or freight).

**Lane's Improved White Sugar.** This variety attains an enormous size, growing considerably above the ground, one of the best for stock feeding. Per oz. 5c., 15c. per  $\frac{1}{4}$  lb., per lb. 40c. (by mail 43c.), 5 lbs. \$1.75 (by express or freight).



Imperial Sugar Beet

**BORAGE**

Used for flavoring and as food for bees. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 35c.

**BROCOLI**

A vegetable much resembling cauliflower, and often used where the latter cannot be grown successfully.

**White Cape.** Pkt. 5c. and 10c., 15c. per  $\frac{1}{2}$  oz., per oz. 30c., \$1.00 per  $\frac{1}{4}$  lb.

Rothe Rüben (Ger.) **BEET** (Table Varieties) Betterave (Fr.)

One ounce will sow 30 feet of row, 5 lb. will sow one acre

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand four inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

**Arlington Favorite Blood Turnip.** Extra early; exceedingly sweet, rich, blood red. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., 85c. per lb.

**Bastian's Extra Early Turnip.** The best beet for market and family use. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb., 25c., 80c. per lb.

**Bastian's Half Long Blood.** A valuable variety to follow Bastian's Extra Early; used extensively for winter use, when it should be sown in July. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Crimson Globe (Improved Strain).** The finest table beet in existence; fine color. Pkt. 5c., 15c. per oz., per  $\frac{1}{4}$  lb. 40c., \$1.25 per lb.

**Crosby's Egyptian.** An improved, perfectly smooth, Egyptian or flat beet. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., \$1.10 per lb.

**Detroit Dark Red.** A most desirable type of a turnip-shaped beet. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 85c. per lb.

**Eclipse.** Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., 85c. per lb.

**Edmand's Blood Turnip.** An early variety, good flavor. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 75c. per lb.

**Extra Early Bassano.** A very early flat variety, flesh white and rose colored, excellent used as a buttered beet. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 75c. per lb.

**Improved Long Blood.** A good late variety for fall and winter use, when it should be sown early in July. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 20c., 60c. per lb.

**Lentz Early Turnip.** Fine for early use, blood red, used also as a winter beet. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 80c. per lb.

"Always sow Michell's Evergreen Lawn Grass Seed"

**SWISS CHARD**

**Silver Leaved.** Grown for its leaves only, which are served like spinach. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 20c., 60c. per lb.

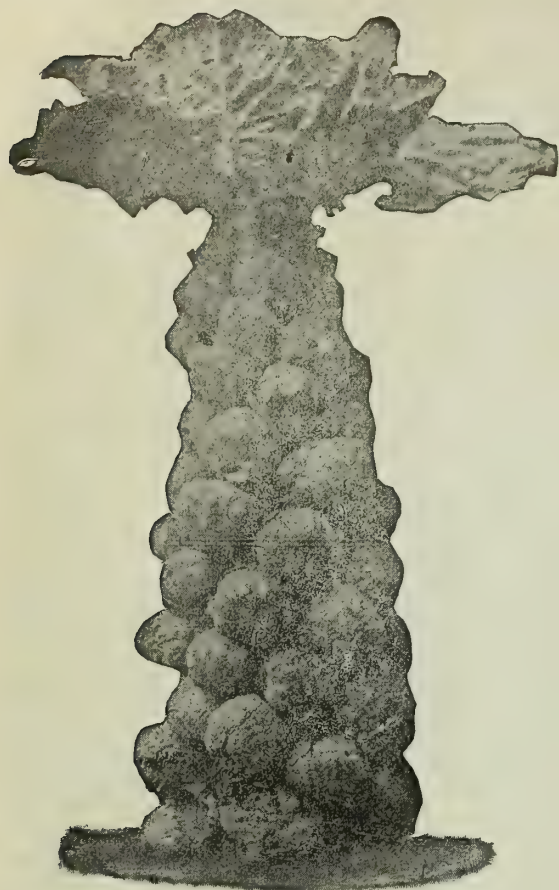
**Giant Lucullus.** Few people realize the great merits of this vegetable. It is cooked and served like spinach, which it resembles in taste. It is very prolific, and can be cut a long time from one sowing. This strain is particularly fine. Pkt. 5c., 15c. per oz., per  $\frac{1}{4}$  lb. 35c., \$1.00 per lb.



Giant Lucullus Swiss Chard

All Vegetable Seeds Mailed Free at Prices Quoted except where noted





*Brussels Sprouts (See Top of Page)*

## BRUSSELS SPROUTS PLANTS

*(Ready in July)*

Strong well-developed plants. 25 for 20c.; 50c. per 100 (by mail 65c.); per 1000, \$3.50 by express only.

Kopfkohl (Ger.)

Chou Pomme ou Cabus (Fr.) **CABBAGE**

One ounce will produce about 3000 plants; ¼ lb. for transplanting an acre. Our Cabbage Seed is all grown from selected heads only, by a specialist on Long Island. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant in the same ground two years in succession.

### EARLY VARIETIES

**All Head.** The largest of the early cabbages. The head is a roundish flat and remarkably solid, excellent for winter. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 30c., 80c. per ¼ lb., lb. \$2.50.

**Early Flat Dutch.** A dwarf-growing type, principally used for early summer. Pkt. 5c. and 10c., oz. 20c., ¼ lb. 60c., lb. \$2.25.

**Early Winnigstadt.** Resembles the Early Jersey Wakefield somewhat, but the heads are more pointed and not so early. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 60c., \$2.25 lb.

**Early Jersey Wakefield.** The finest oblong shaped cabbage in existence. The head is solid, there being very few outside leaves. Pkt. 5c. and 10c., 25c. per oz., ¼ lb. 90c., \$3.25 per lb.

**Early Jersey Wakefield. (Improved Strain.)** The finest type of early cabbage in existence. A great improvement over the regular strain. It produces uniform pointed heads, and should be sown by every private gardener. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; \$1.25 per ¼ lb.; lb., \$4.00.

**Large Charleston Wakefield.** Similar to the above sort but the heads are more blunt, equally as solid, while it grows almost twice the size, but matures one week later. Pkt. 5c. and 10c., 30c. per oz., ¼ lb. \$1.00, \$3.50 per lb.

### SECOND EARLY VARIETIES

**Early Drumhead.** A large solid roundish flat-headed sort with few outer leaves. One of the best sorts to follow the Large Charleston Wakefield. Pkt. 5c. and 10c., 25c. per oz., ¼ lb. 75c., \$2.50 per lb.

**Henderson's Early Summer.** The leaves have a more bluish cast than the other cabbages; the heads are roundish flat. Pkt. 5c. and 10c., 25c. per oz., ¼ lb. 75c., \$2.50 per lb.

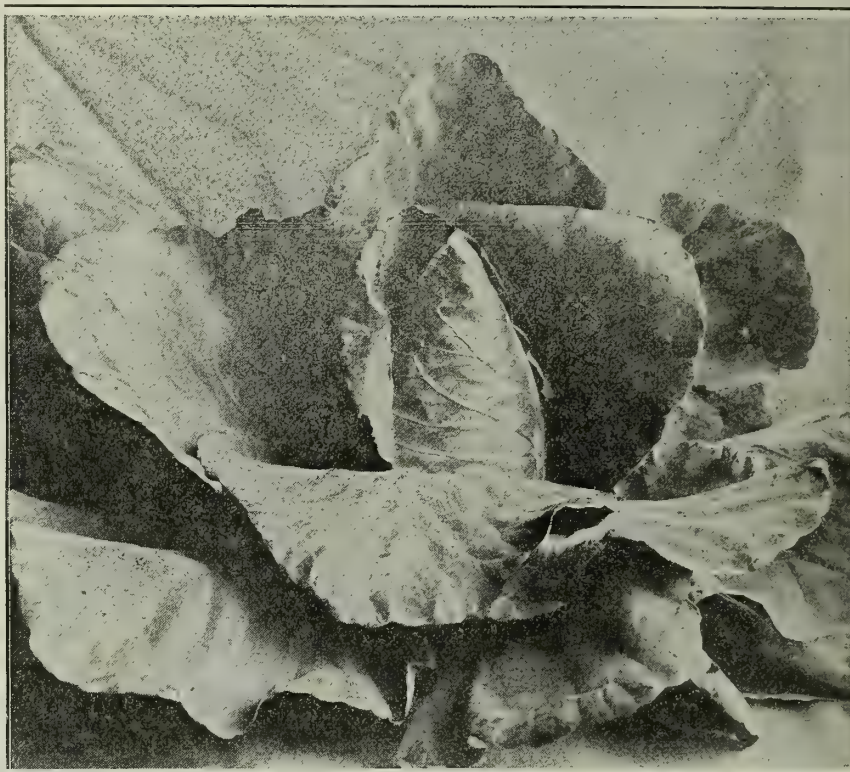
**Succession.** A very popular sort with the market gardeners. It matures about 10 days later than Early Summer. Pkt. 5c. and 10c., 25c. per oz., ¼ lb. 75c., \$2.75 per lb.

Brusseler Sprossen (Ger.) **BRUSSELS SPROUTS** Chou de Bruxelles (Fr.)

One ounce will produce about 3000 plants

**HOW TO SUCCEED IN GROWING BRUSSELS SPROUTS.**—Sow in hotbed in April; when large enough transplant to the open ground, placing them about 1½ feet apart, in rows 2 feet apart. Cultivate the same as cabbage; when the sprouts commence to form on the stalk take off the leaf stems, allowing the plants to grow until the edges start to turn. By treating them this way a much larger crop can be harvested. The plants are very susceptible to insects; keep well dusted with slug shot or tobacco dust.

**Matchless Improved.** The most desirable kind. Pkt., 5c. and 10c.; 15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.; per lb., \$2.50.



*Early Jersey Wakefield Cabbage*

### LATE OR WINTER VARIETIES

**All Seasons.** (Vandergaw.) A very large head, round and solid. It is valuable for summer or winter use. Pkt. 5c. and 10c., 25c. per oz., ¼ lb. 75c., \$2.50 per lb.

**Danish Ballhead.** An elegant medium late variety. Pkt. 10c., 15c. per ½ oz., oz. 30c., \$1.00 per ¼ lb., lb. \$3.50.

**Late Flat Dutch.** A very large flat-headed sort, used extensively as the main winter cabbage crop. Pkt. 5c. and 10c., 25c. per oz., ¼ lb. 75c., \$2.25 per lb.

**Late Flat Dutch. (Improved Strain.)** This has been selected especially for our trade and seed was taken from the finest type of heads which were selected for solidity and uniformity. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; \$1.00 per ¼ lb.; lb., \$3.00.

**Large Late Drumhead.** Much like the above except the heads are not quite as large nor as flat. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 60c., \$2.25 per lb.

**Perfection Drumhead Savoy.** A beautifully crimped-leaved sort, color a deep glossy green. The head is almost round. 5c. and 10c. per pkt., oz. 25c., 75c. per ¼ lb., lb. \$2.50.

**Red Dutch Drumhead.** A red variety, used extensively for pickling. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 60c., \$2.25 per lb.

**Volga.** The heads often weigh 12 to 15 lbs. The interior is pure white. The heads are very solid. Pkt. 10c., 25c. per oz., ¼ lb. 85c., \$3.00 per lb.

### CABBAGE PLANTS

**Early Sorts.** From hotbeds. All the leading varieties ready April 1st. Per 100 40c. (by mail 55c.), \$3.00 per 1000.

**From Cold Frames Transplanted.** Per 100 75c., \$6.00 per 1000.

**Late Sorts.** Ready July 1st. Per 100 40c., \$2.50 per 1000.

**"ALWAYS SOW" MICHELL'S EVERGREEN GRASS SEED**





Improved Long Orange Carrot

Mohren (Ger.)

**CARROT** One ounce to 100 feet of drill, four pounds to the acre

Carotte (Fr.)

A light sandy loam, well tilled and manured the previous year best suits the carrot; for early crops sow as early as the ground can be worked, in drills 10 inches apart, and thin to 4 inches in the row.

**Chantenay Half-Long.** Fine orange scarlet color, very productive. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 90c. per lb.

**Danvers Half-Long.** The best variety for general crop; rich orange color, a very heavy yielder and splendid keeper, a first-class carrot for all soils, and valuable both for table and stock, about 6 inches long. We have an extra fine strain of this favorite sort. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

**Early Half-Long Scarlet.** A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 90c. per lb.

**Early Scarlet Horn.** The favorite early red variety, fine grain and good flavor. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., 90c. per lb.

**Guerande or Oxheart.** A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 or 4 inches long. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 80c. per lb.

**Improved Long Orange (Nichol's).** Deep orange color, 10 inches long, good flavor, yields heavily; is of excellent table quality, and is also the best for stock. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 25c., 80c. per lb.

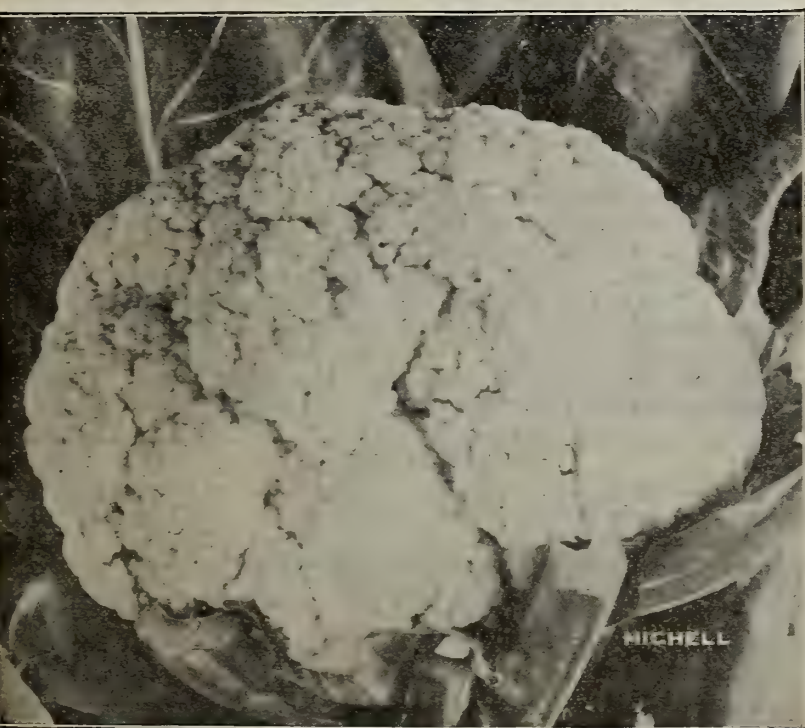
**Rubicon Half-Long.** An entirely distinct Carrot. It is the best in shape, and its deep red orange-colored flesh is the finest quality. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing and for growing outside at any season of the year. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

**Very Early Short Horn Scarlet or French Forcing.** An early forcing variety; small round root and excellent flavor. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

**White Belgian.** Used principally for stock, not being desirable for table, produces a long thick white root. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 20c., 60c. per lb.

## CARAWAY

The seeds when harvested are used principally for flavoring bread, etc. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 35c.



Michell's Selected Snowstorm Cauliflower

## CARDOON

**Large Ribbed.** Pkt. 10c., 25c. per oz.,  $\frac{1}{4}$  lb. 90c.

**CATNIP** The plant is used for various and medicinal purposes. Pkt. 10c., 25c. per  $\frac{1}{2}$  oz., per oz. 50c.

**Blumen-Kohl (Ger.) CAULIFLOWER** Chou-Fleur (Fr.)  
One ounce of seed will produce about 3000 plants

Sow for early use about the middle of September or October, in a bed of rich earth, transplant in frames and cover with sashes and shutters during severe weather.

**Algiers.** One of the best late sorts; always produces a good head. Pkt. 10c., 25c. per  $\frac{1}{4}$  oz., per oz. 75c.

**Danish Giant.** An ideal variety for summer use, as it will stand more drought and heat than most other sorts; the heads are large. Pkt. 25c., \$1.00 per  $\frac{1}{4}$  oz., per oz. \$3.50.

**Earliest Snowstorm.** Make large fine heads; must be kept growing constantly as it will not stand a check at any period. Pkt. 25c. and 50c., \$1.50 per  $\frac{1}{4}$  oz.,  $\frac{1}{2}$  oz. \$2.50, \$5.00 per oz.

**Early Snowball.** A splendid early variety, producing magnificent white heads. Pkt. 20c. and 50c., 85c. per  $\frac{1}{4}$  oz.,  $\frac{1}{2}$  oz. \$1.50, \$2.75 per oz.

**Half Early Paris.** Pkt. 10c., 20c. per  $\frac{1}{4}$  oz., per oz. 65c.

**Lenormand's Short Stem.** A large, late short-stemmed variety, well-formed white heads. Pkt. 10c., 20c. per  $\frac{1}{4}$  oz. per oz. 65c.

**Michell's Special Strain Selected Erfurt.** One of the earliest in cultivation, small leaved dwarf, for forcing or open ground. Pkt. 20c. and 50c., 85c. per  $\frac{1}{4}$  oz.,  $\frac{1}{2}$  oz. \$1.50, \$2.75 per oz.

**Veitch's Autumn Giant.** One of the finest late varieties. Pkt. 10c., 20c. per  $\frac{1}{4}$  oz. per oz. 65c.

## CAULIFLOWER PLANTS

Spring plants from hotbeds. Ready about April 1st. Doz. 20c., \$1.25 per 100. Wintered over Cauliflower Plants from cold frames. Doz. 40c., \$2.00 per 100. Pot grown. Ready April 1st. Doz. 50c., \$4.00 per 100.





Michell's "Far Superior." The best Winter Celery ever used.

Sellerie (Ger.) Celeri (Fr.)

## CELERY

One ounce of seed will produce about 5000 plants.  
1 lb. of seed for producing sufficient plants for an acre.

Sow the seed late in March, or early in April, in fine, well-worked soil. Cover slightly, and press the soil. Shade the young plants for a week or ten days, and do not let the soil dry out. Cut them once or twice before setting out to make them stocky. When from four to six inches high transplant into broad shallow trenches or to level ground, setting dwarf sorts in rows three feet apart, and tall sorts four feet apart, six inches apart in the rows. To store for winter use select well-drained ground, dig trenches one foot wide and deep enough to cover tops of plants. Pack stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves and celery paper. *The Early Varieties are marked with an asterisk.\**

**Boston Market.** A short, bushy, white, solid winter variety.

Pkt., 5c.; 10c. per ½ oz.; oz., 20c.; 60c. per ¼ lb.

**Celeriac or Turnip-Rooted Celery. Giant Prague.** The root, cooked and sliced, used with vinegar, makes an elegant salad.

Pkt., 5c.; 10c. per ½ oz.; oz., 20c.; 60c. per ¼ lb.

**Crawford's Half Dwarf.** An old and always reliable variety, still in demand, good winter keeper. Pkt., 10c.; 15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.

**Cremona.** A variety originating from Winter Queen. It is, however, a better sort and will keep even longer. The stalk is crisp and nutty and very thick. Pkt., 10c.; 15c. per ½ oz.; oz., 30c.; \$1.00 per ¼ lb.

**Dwarf Golden Heart.** Heart full and large, of a golden yellow, excellent for either market or private use; very solid, good flavor and fine keeper. Pkt., 5c.; 10c. per ½ oz.; oz., 20c.; 60c. per ¼ lb.

**\*Early Snowdrift.** The best of the early blanching sorts. A great improvement on the White Plume, very nutty, and has plenty of heart. Pkt., 10c.; 20c. ½ oz.; oz., 35c.; \$1.25 ¼ lb.

**Far Superior.** Being introduced by us, we can especially recommend this variety to every grower of celery; its quality is superior to most other varieties, an excellent keeper over winter, and produces a large full heart, which is now the most important point in celery. Pkt., 10c.; 15c. per ½ oz.; oz., 30c.; 85c. per ¼ lb.

**Fin de Siecle.** This is one of the very best varieties in cultivation, stalks thick and compact, very crisp and fine flavor. Pkt., 10c.; 15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.

**Giant Pascal.** A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor. Lasts well into spring. Pkt. 5c. and 10c.; 25c. per oz.; ¼ lb., 75c.

**\*Silver Self-Blanching.** A cross between White Plume and Golden Self-Blanching. It is early and extraordinarily good. Pkt., 10c.; 25c. per ½ oz.; oz., 50c.; \$1.50 per ¼ lb.

**\*Golden Self-Blanching.** (*French grown.*) This is a great improvement on the American. It never is pithy, and always produces a giant stalk of excellent flavor. Pkt., 10c.; 50c. per ½ oz.; oz., \$1.00; \$3.50 per ¼ lb.

**Heartwell Perfection.** One of the best winter keepers. Pkt., 5c.; 10c. per ½ oz.; oz., 20c.; 60c. per ¼ lb.

**\*Henderson's "Pink Plume."** Very solid and crisp, extra early, and a long keeper. Self-blanching, and requiring but a slight earthing-up. Pkt., 10c.; 15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.

**Magnificent.** A grand type of winter celery, very large, nutty and with a full heart. Pkt., 10c.; 20c. per ½ oz.; oz., 40c.; \$1.25 per ¼ lb.

**Perle Le Grand.** Full golden heart, and rich nutty flavor. A good winter keeper. Pkt., 10c.; 15c. per ½ oz.; oz., 30c.; \$1.00 per ¼ lb.

**Red Solid or Rose.** A favorite colored variety. Pkt. 5c. and 10c.; 15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.

**Schumacher.** A grand winter variety, producing a large stalk, with a golden heart. Pkt., 10c.; 15c. ½ oz.; oz., 25c.; 85c. ¼ lb.

**Winter King.** A new variety, one of the best for late winter use. The stalks are green but bleach nicely and are very crisp and well flavored. Pkt., 10c.; 20c. per ½ oz.; oz., 40c.; \$1.50 per ¼ lb.

**\*White Plume, Improved.** The best for early use, blanches very early, and readily coming in for use early in November. Pkt., 10c.; 15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.

**\*White Plume.** (*Private stock.*) The finest early celery in existence. Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; \$1.00 per ¼ lb.

**Winter Queen.** Very solid, half dwarf; will keep fresh longer than any other variety. The stalks are very long and solid. Pkt., 10c.; 15c. per ½ oz.; oz., 30c.; \$1.00 per ¼ lb.

**Flavoring, not good for sowing.** 10c. per ¼ lb.; per lb., 30c.

### TESTIMONIAL

Your "Far Superior" Celery is a wonder. Not a single plant failed to produce a perfect stalk. It's the best I ever raised. J. BOULDEN.  
Ruxton, Md.

### CELERY PLANTS (*Ready in July*)

Extra selected transplanted stock grown from our own seed.  
40c. per 100 (by mail, 60c.); 500 for \$1.90; \$3.75 per 1000.

**CELERY PAPER** for covering celery banks and trenches. To exclude water. 500 sq. ft., per roll, \$1.15; \$5.25 for 5 rolls.





Kendel's Early Giant Corn

**SUGAR CORN**

Mais (Fr.)

Zuckerkorn (Ger.)

One quart will plant about 200 hills, or 8 quarts per acre.

The first planting of Sugar Corn should be made about May 1st in well-manured ground, well worked. A planting may be made every two weeks for a succession of crops until July 10th. Towards the end of the planting season the extra early varieties should be planted to insure maturity. Plant in rows 2½ feet apart, with hills 18 inches apart in the row. Plant five grains and pull out the two weakest when they have grown to a length of five inches.

**Large Packets of all Varieties, 10 cents postpaid**

**Adams' Extra Early.** The earliest variety for table use. Best for early planting, but not entirely sweet; white grain. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 90c. for 4 qts., per pk. \$1.25, \$5.00 per bu.

**Aristocrat.** A typical New England corn, having originated in the vicinity of Newport, and is supplied to the summer cottagers at that point. It is extra early and extremely sweet and luscious. 20c. per pt. (postpaid 25c.), per qt. 35c. (postpaid 45c.), \$1.10 for 4 qts., per pk. \$1.75, \$7.00 per bu.

**Black Mexican.** Second early and very desirable general crop; reputed to be the sweetest corn grown. Color of grain is black, with white toward centre. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 90c. for 4 qts., pk. \$1.50, \$6.00 bu.

**Country Gentleman.** The ears are not only of good size, but are produced in great abundance. The grain is irregularly staged on the cob. 15c. per pt. (postpaid 20c.), per qt. 30c. (postpaid 40c.), \$1.10 per 4 qts., peck \$2.00, \$8.00 per bu.

**Country Gentleman (Improved Strain).** A special selection of this variety which will ensure its being extra delicious. Pt. 20c. (postpaid 25c.), 40c. qt. (postpaid 50c.), \$1.50 per 4 qts., peck \$2.75, \$10.00 per bu.

**Crosby's Extra Early.** An old favorite sort. Ears small, grain exceedingly sweet, heavy producer. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 90c. for 4 qts., per pk. \$1.50, \$6.00 per bu.

**Early Evergreen.** This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 90c. for 4 qts., per pk. \$1.50, \$6.00 per bu.

**Early Mammoth.** The ears and fodder both attain gigantic proportions. The former, besides being large, is handsome in appearance and exceedingly sweet. Matures just after the extra early types. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 90c. for 4 qts., per pk. \$1.50, \$6.00 per bu.

**Early Giant Wonder.** An extremely good sort, producing larger ears than any other type of true early sugar corn, the fodder is also very large and tall. Pt. 20c. (25c. postpaid), 40c. per qt. (postpaid 50c.), 4 qts. \$1.40, \$2.50 per peck, per bu. \$10.00.

**First of All.** The grain, when in the dry state, is slightly reddish; when green, however, it is like most other sorts of the sugar corn family. Most gardeners prefer it for their first and last plantings. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), \$1.10 for 4 qts., per pk. \$1.75, \$7.00 per bu.

**Golden Bantam.** The earliest corn in cultivation. The ear is small but well shaped, color a golden yellow, very sweet. 20c. per pt. (postpaid 25c.), 35c. per qt. (postpaid 45c.), 4 qts. \$1.25, \$2.25 per pk., bu. \$9.00.

**Ideal.** The grower of this variety has been carefully selecting it for the past fifteen years. Exceedingly sweet, very early and large yielder. 20c. per pt. (postpaid 25c.), 35c. per qt. (postpaid 45c.), \$1.25 for 4 qts., pk. \$2.25, \$9.00 per bu.

**Kendel's Early Giant.** This is the largest of the early sugar corns and is finely flavored. A great producer. 15c. per pt. (postpaid 20c.), per qt. 30c. (postpaid 40c.), \$1.10 for 4 qts., per pk. \$1.75, \$7.00 per bu.

**Late Mammoth.** This is the largest sort in cultivation. The quality is extra fine and it is very productive. 15c. per pt. (postpaid 20c.), 25c. per qt. (postpaid 35c.), 90c. for 4 qts., per pk. \$1.75, \$7.00 per bu.

**Little Gem or Shoe Peg.** The grain, like Country Gentleman, is very irregularly staged on the ear. 15c. per pt. (postpaid 20c.), per qt. 30c. (postpaid 40c.), \$1.10 for 4 qts., per pk. \$2.00, \$8.00 per bu.

**Michell's Delicious.** This strain is controlled by us exclusively. The quality and taste are all that can be desired. Excellent second crop sort. 20c. per pt. (postpaid 25c.), 40c. per qt. (postpaid 50c.), \$1.50 for 4 qts., per pk. \$2.75, \$11.00 per bu.

**Peep-O-Day.** This corn has two valuable points—extraordinary earliness and unsurpassed sweetness. It may be used as an early or late variety with equal success. 15c. per pt. (postpaid 20c.), per qt. 30c. (postpaid 40c.), \$1.10 for 4 qts., per pk. \$2.00, \$8.00 per bu.

**Premo.** A fine type of sugar corn, earlier than any of the large-earred sorts. 15c. per pt. (postpaid 20c.), per qt. 30c. (postpaid 40c.), \$1.10 for 4 qts., per pk. \$2.00, \$8.00 per bu.

**Stabler's Extra Early.** Usually produces ears larger than most of the early sorts. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 90c. for 4 qts., per pk. \$1.50, \$6.00 per bu.

**Stowell's Evergreen.** Description and explanation regarding this variety is hardly necessary. It is the best late sort that has been introduced. 15c. per pt. (postpaid 20c.), per qt. 25c. (postpaid 35c.), 85c. per 4 qts., peck \$1.50, \$6.00 per bu.

**Stowell's Evergreen (Improved Strain).** Anyone will be glad to get this corn, especially a selected type. It will be found very delicious and fine in every way. Pt. 20c. (postpaid 25c.), 40c. qt. (postpaid 50c.), \$1.50 per 4 qts., peck \$2.75, \$10.00 per bu.

**SUGAR CORN ON EARS**

Large selected specimens of Crosby's, Country Gentleman, Stowell's Evergreen, Late Mammoth and Shoe Peg. 10c. each, per doz. \$1.00, \$7.00 per 100 ears.

**POP CORN**

**Golden Queen.** Per lb. 10c., 25c. for 3 lbs., 10 lbs. 70c.  
**White Rice.** Per lb. 10c., 25c. for 3 lbs., 10 lbs. 70c.

**CORN POPPERS**

Made of best quality wire. Price includes handle and lid.  
1 qt. size, 15c.; 2 qt. size, 25c.

**CHOICE FIELD CORN FOR SEED**

We are headquarters for the leading varieties, which we have had grown on contract especially for us. See page 43.

**LARGE PACKETS OF SUGAR CORN ALL VARIETIES, 10c. POSTPAID**



Gartenkerbel (Ger.)

**CHERVIL**

Cerfeuil (Fr.)

Used like parsley, which it also resembles; sow and treat in the same manner.

**Double Curled.** Pkt. 5c. and 10c., 15c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.75 per lb.

**CHIVES**

Schnittlauch (Ger.)

A perfectly hardy kitchen garden plant, used for flavoring. When once planted they remain permanently. The plant may be taken up in the fall and put in a box in a sunny location indoors, where it will be useful all winter.

**Extra Large Clumps.** 10c. each (by mail 20c.), per doz. \$1.00, \$7.00 per 100.



Chervil

**CHICORY**

Cichorien (Ger.)

Chicory, when the roots are dried, are ground and often used as a substitute for coffee. The leaves are also used for salad making.

**Large Rooted.** Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 25c., 80c. per lb.

See also Endive, which is sometimes called Chicory

**CORIANDER**

The harvested seed is used for flavoring confectionery, liquors, etc. It is an annual and must be sown every season. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c.

**WATER CRESS**

Brunnenkresse (Ger.)

Cresson de Fontaine (Fr.)

This desirable cress may be sown early in spring near the brink of a pond or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, it seeding itself.

**True Erfurt.** Pkt. 10c., 20c. per  $\frac{1}{2}$  oz., oz. 30c., \$1.00 per  $\frac{1}{4}$  lb.

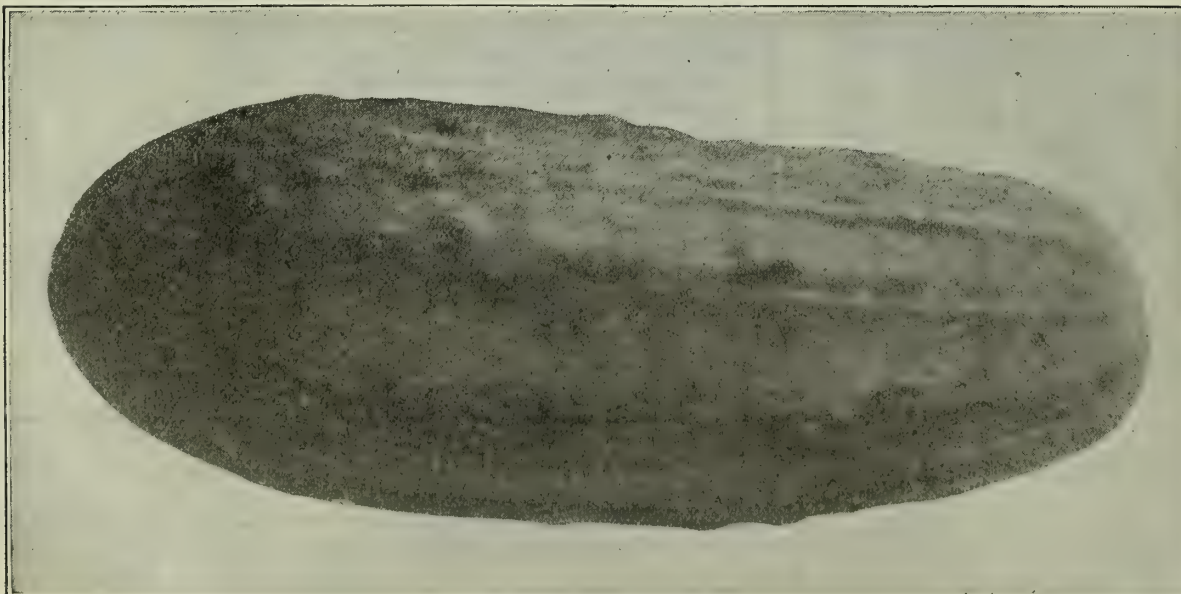


Water Cress

**GARDEN CRESS**

Sow thickly in early spring in drills one foot apart, and follow every two weeks with a new sowing as it quickly runs to seed.

**Extra Curled or Pepper Grass.** Fine flavor, continuous cropper. Should be sown at intervals during the summer. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 20c., 50c. per lb.



Long Green Cucumber

Acker Salat (Ger.)

**CORN SALAD**

Maché (Fr.)

This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover it with a litter of leaves or long manure; and upon approach of spring the covering can be taken off entirely.

**Large Leaved, Round Seeded.** Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 20c., 60c. per lb.

Gurke (Ger.)

**CUCUMBER**

Concombre (Fr.)

**One ounce of seed will plant 50 hills; 2 to 3 lbs. will plant an acre.**

Plant when the ground has become thoroughly warm, in hills three feet apart each way. Keep the vines free from insects with an occasional dusting of insecticide of some good kind.

**Cumberland.** A long slender variety which is very productive; fine for pickling or slicing; average length, 8 to 10 inches; dark green color. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c., \$1.25 per lb.

**Davis Perfect.** This is one of the newer sorts. It is a long sort, very slender and perfect in form, the average length being 10 to 12 in. The color is a beautiful dark green. Pkt. 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 70c., \$2.25 per lb.

**Early Frame.** A medium-sized sort, principally used for pickling. Color, dark green. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c., \$1.25 per lb.

**Emerald.** The best slicing cucumber in existence. Color, dark green; very large size and has few seeds. Pkt. 5c., 20c. per oz.,  $\frac{1}{4}$  lb. 60c., \$2.00 per lb.

**English Forcing Varieties.** Covent Garden, Lockie's Perfection, Marquis of Lorne, Rockford's Market Garden, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds 25c., \$2.00 per 100 seeds.

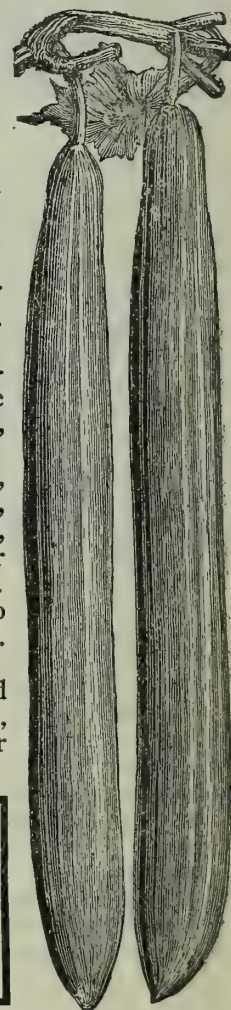
**Evergreen.** A large stocky cucumber; deep green in color; excellent for slicing. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c., \$1.25 per lb.

**Improved White Spine.** An early sort, used more extensively than any other. Color, light green; large size. Pkt. 5c., 15c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**White Spine(Improved Arlington Strain).**

A careful selection of the original variety. It will be found very superior in every way and is worthy of a place in every garden. Pkt., 10c.; 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$3.00 per lb.

**Japanese Climbing.** These are used extensively for the vine which is a tremendous climber. The fruit is almost smooth and is



Forcing Cucumber  
Lockie's Perfection  
Av. length, 24 in.

slightly netted. Size about 12 inches. Excellent for slicing. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c., \$1.25 per lb.

**Jersey Pickle or Green Prolific.** The fruits are about 5 inches long and are produced in great numbers. The vines continue in bearing almost the entire season. It is best suited to pickling. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 35c., \$1.25 per lb.

**Long Green Turkey.** An old favorite; size very large and well-adapted for slicing; dark green in color. Pkt. 5c., 15c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**Small Gherkin or Burr.** For pickling only. Should be picked while young. Pkt. 5c., 20c. per oz.,  $\frac{1}{4}$  lb. 70c., \$2.50 per lb.

**DILL**

Used extensively for culinary use and for putting with cucumbers when pickling. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 25c.



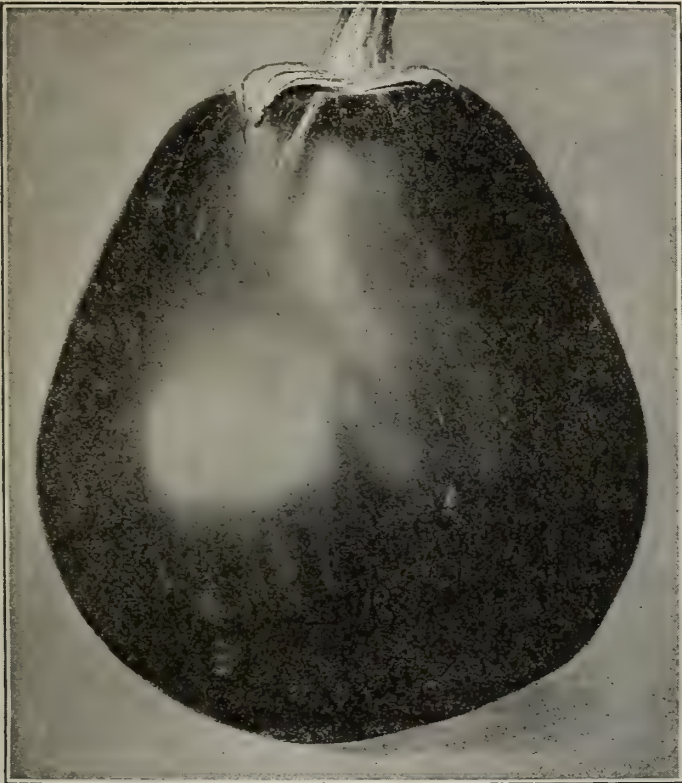


Improved Thick Leaved Dandelion

**DANDELION**

The seed should be sown early in the Spring in drills twelve inches apart, about one-quarter of an inch deep, thin out to six inches in the drills; the following Spring it will be fit for use.

**Thick-Leaved or Cabbaging.** This variety is the finest for making salads. Pkt. 5c. and 10c., 40c. per oz., per ¼ lb. \$1.25.



Black Beauty Egg Plant

Eierpflanze (Ger.) **EGG PLANT** Aubergine (Fr.)

One ounce of seed will produce about 2000 plants

Sow the seed in a hotbed in March or April, when about three inches high pot the plants and plunge in earth; transplant in open ground in May or June according to the warmth of the season. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. Set out according to richness of soil, two or three feet apart each way.

**OUR SEED IS SAVED BY A SPECIALIST**

**Black Pekin.** An extra early, small, black variety. Pkt. 10c., 15c. per ½ oz., per oz. 30c., \$1.00 per ¼ lb.

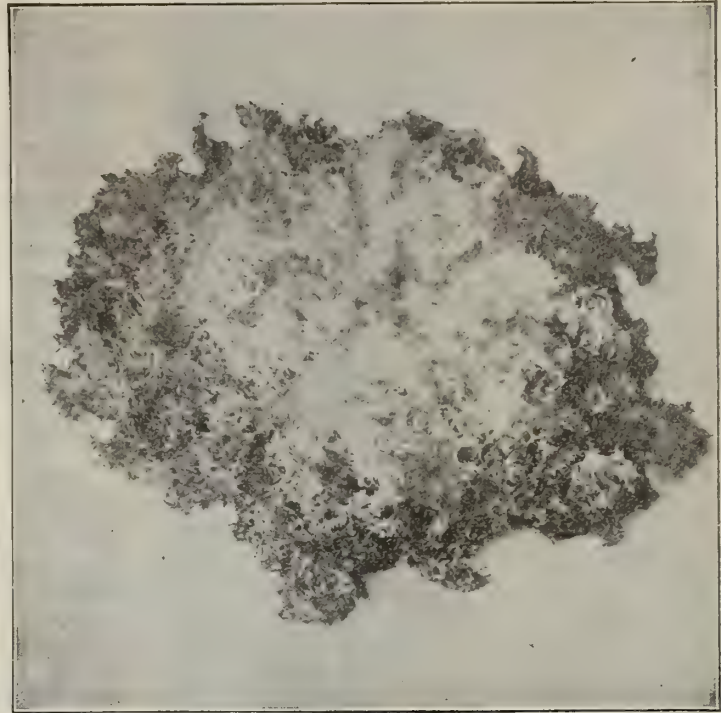
**Black Beauty.** Unquestionably the finest early large egg plant on the market. We can recommend it as being the best variety that grows. Pkt. 10c., 25c. per ½ oz., per oz. 50c., \$1.75 per ¼ lb.

**Early Long Purple.** The earliest and hardiest, very productive. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 65c.

**Michell's New York Improved Large Purple.** The leading variety; large, round, dark purple, most productive sort. Pkt. 10c., 20c. per ½ oz., per oz. 40c., \$1.50 per ¼ lb.

**EGG PLANTS (Ready May 15th.)**

**New York Improved.** Pot grown, From our own stock seed. Per doz. 50c.; \$4.00 per 100.



Giant Fringed Endive

Endivien (Ger.)

**ENDIVE**

Chicoree Endive (Fr.)

Sow one ounce for 300 feet of row

For early use sow about the middle of April; but for the main crop in June or July in shallow drills when two or three inches high transplant to one foot each way; when full grown blanch the inner leaves by tying up the outer ones at the top, but tie up only when the leaves are dry.

**Broad-Leaved Batavian.** Leaves broad, light green, nearly plain; used in stews and soups. Pkt. 5c. and 10c., 15c. per oz., per ¼ lb. 50c., \$1.50 per lb.

**Giant Fringed (Oyster Endive).** A strong growing variety with a large white heart and broad stems; good for fall and winter. Pkt. 5c. and 10c., 25c. per oz., per ¼ lb. 75c., \$2.50 per lb.

**Improved Green Curled.** An improvement on the old Green Curled variety. Pkt. 5c. and 10c., 15c. per oz., per ¼ lb. 50c., \$1.50 per lb.

**White Curled (self-blanching).** This is the finest White Curled variety, grows to a large size, always crisp and very tender. Pkt. 5c. and 10c., 20c. per oz., per ¼ lb. 50c., \$1.50 per lb.

**FENNEL**

A sweet aromatic herb for flavoring and culinary use. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

**GARLIC SETS**

Knoblauch (Ger.) Ail (Fr.)  
Per lb. 30c. (By mail 38c.)

**HOP VINE ROOTS**

Ready in April. Each 5c., 50c. per doz., \$4.00 per 100.

**HOP SEED**

Makes a grand vine for shade and other purposes. Pkt. 10c., 30c. per oz.

**HORSE RADISH ROOTS**

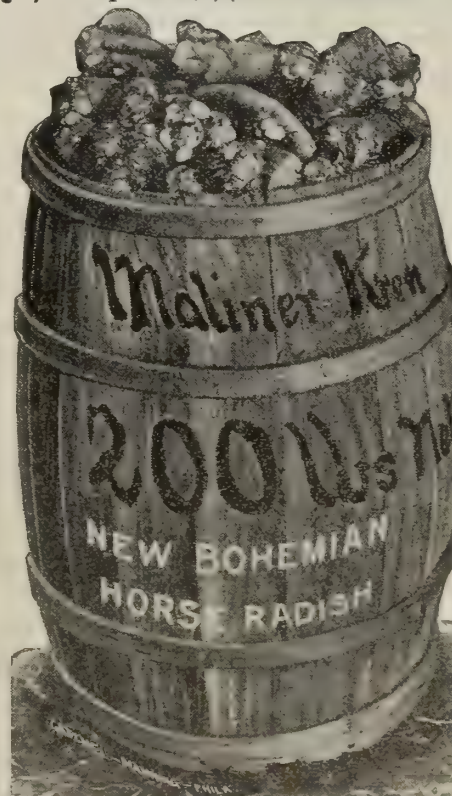
Ready April 1st. Extra strong roots will produce large size radish the first season.

**Regular Variety.** Per doz., 15c., 50c. per 100 (post-paid 65c.), per 1000 \$4.00.

**Maliner Kren.** A large quick growing variety, which is now the very best horse radish grown. Large strong cuttings 25c. per doz., per 100 75c., \$6.00 per 1000.

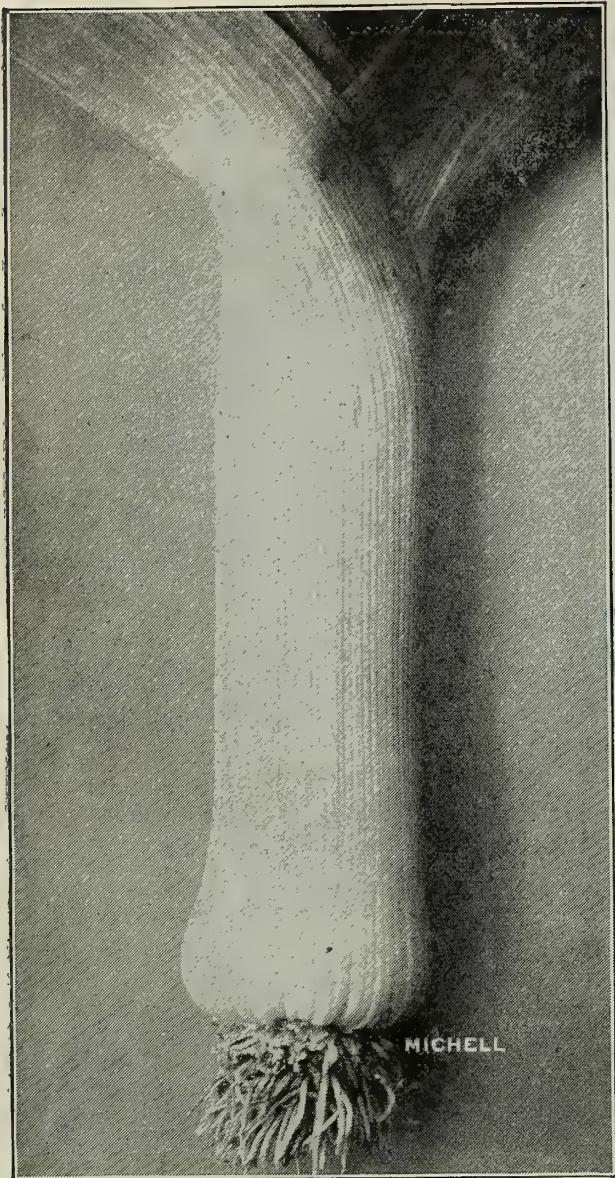
**HOREHOUND**

For flavoring and medicinal purposes. Pkt. 5c., 15c. ½ oz., oz. 25c.



**"ALWAYS SOW" MICHELL'S EVERGREEN GRASS SEED**





Giant Carentan Leek

## Winter Kohl (Ger.) KALE OR BORECOLE Chou Vert (Fr.)

One ounce will sow a drill 150 feet long, 3 lbs. will sow an acre. For early use it may be sown in May; where desired for winter use sow in September broadcast or in drills. After the first frosts, cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

**Dwarf Green Curled.** This variety is a very compact growing one, rarely attaining a height over six inches. The color is dark green. It is very curly. It is better suited for sowing in drills. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. per lb.

**Dwarf Green Scotch.** A very good variety, quite an improvement on the Dwarf German type. It is more prolific, holds its color better, and is more densely curled; fine for winter use. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

**Imperial Long Standing.** The leaves are very crimp and of a dark green color. It stands quite tall, and is an excellent producer. It is just as hardy as any of the other sorts, and will be found very profitable where quantity as well as quality is desired. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Tall Purple Scotch.** Similar in every way to the Imperial Kale except the color, which is a purplish green. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.

## Kohl Rabi (Ger.) KOHL-RABI Chou Rave (Fr.)

One ounce of seed will sow a drill about 150 feet long. Sow early in the spring in hotbeds, and transplant to a distance of 6 inches in rows about 15 inches apart. They may also be sown directly outdoors at intervals during the season. They should be used while young and tender.

**Blue or Purple Vienna.** The flesh is white, with a bluish skin. Principally used for outdoor sowing. Pkt. 5c. and 10c., 20c. per oz., 60c. per ¼ lb.

**Early White Vienna.** This variety is suited for sowing under glass and for outdoors. The top is very short, thus allowing all the development to go to the root, insuring an early maturity. Very finely grained and of excellent quality. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 25c., 65c. per ¼ lb.

**Earliest White Erfurt.** A very small rooted sort; fine for forcing; exceedingly tender and sweet. Pkt. 10c., 15c. per ½ oz., oz. 30c., ¼ lb. 85c.

## LAVENDER

Used for putting amongst clothing for keeping the moths away; also for making tea, etc. Pkt. 5c. and 10c., 20c. per oz.

## Lauch (Ger.) LEEK Poireau (Fr.)

One ounce of seed to 100 feet of drill. Plant the seed in April, in drills one foot apart and one inch deep. When six or eight inches high, remove the plants to deep rich soil, setting them in rows twelve to fifteen inches apart; plant as deep as possible and during growth draw the earth to them to blanch stems. For early spring transplanting sow in hotbed in September and winter over.

**Giant Carentan.** Produces gigantic stalks. Pkt. 5c., 15c. per ½ oz., oz. 25c., ¼ lb. 75c., \$2.25 per lb.

**London Flag.** Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 60c., \$1.75 per lb.

**Large Musselberg.** Of enormous size, very mild and pleasant flavor. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 50c., \$1.75 per lb.

## Lattich, Garten Salad (Ger.) LETTUCE

Laitue (Fr.)

One ounce of seed will produce about 2,500 plants

Lettuce is now sown during most all seasons of the year. For outdoor use the seed can be sown in well-manured hotbeds in February and March. Transplant there or outdoors when the weather will permit, in rows about twelve inches apart, ten inches apart in the row. If the salad is not to head, sow thickly and cut as desired. For best results it is well to sow only the varieties best suited to the different seasons and conditions. For winter use sow the seed in September in hotbeds and follow it up with other sowings for a succession.

**All Heart.** An excellent head lettuce for either spring or summer use. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.25.

**Big Boston.** (Private stock.) This variety resembles the popular Boston Market, except that the head is larger. It stands the summer heat well; also excellent for autumn use. For sowing under glass for an early spring crop for forcing, it answers well. Color a beautiful light green, of a buttery flavor. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 60c., \$2.00 per lb.

**Black-Seeded Simpson.** Produces a compact mass of leaves, nearly double the size of the ordinary Simpson. Pkt. 5c. and 10c., 15c. per oz., ¼ lb. 50c., \$1.50 per lb.

**Boston Market.** Early small heading variety; one of the best for forcing. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 50c., \$1.50 per lb.

**Cabbage Head Giant.** A monster head lettuce with a full heart, desirable especially for summer use. Pkt. 10c., 25c. per oz., ¼ lb. 80c., \$2.75 per lb.

**California Cream Butter.** For a good all-around summer lettuce few excel this sort. The heads are large and compact and are well formed. It has a decided buttery flavor. Pkt. 5c. and 10c., 15c. per oz., ¼ lb. 40c., \$1.25 per lb.

**Deacon.** Used as an early spring lettuce as well as for late fall. The heads are very large and well shaped. Pkt. 5c. and 10c., 15c. per oz., ¼ lb. 40c., \$1.30 per lb.

**Deacon (Improved Strain).** An excellent selection. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.25.

**Dutch Butter Spotted.** (Private stock.) It can be depended upon as a cropper under glass or in the open. The heads are a medium size, solid and very tasty; the leaves have a brownish tinge on the outer edge from which it gets its name—"Spotted." Pkt. 5c. and 10c., 15c. per ½ oz., oz. 30c., \$1.00 per ¼ lb., lb. \$2.50.



Michell's "All Right" Lettuce

**Michell's "All Right."** This lettuce forms a large, compact head, green on the outside, but with a rich, buttery-flavored yellow heart. It is not bitter, nor does it turn brown from the action of cool weather. A capital sort for spring or autumn use, but not recommended for summer. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.50.



## LETTUCE—Continued



*May King Lettuce*

**Grand Rapids.** The leaves of this variety are very much crinkled; it matures very quickly and for forcing will be found very desirable; the heads are dark green and very crisp. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**Hanson Improved.** Tremendous solid heads are produced by this variety; the outer leaves are curled; the interior is almost white and very tender; stands the heat well; excellent for summer use. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**Iceberg.** A summer variety, producing solid heads of fine quality; outer leaves are curled. Pkt. 5c., 15c. per oz.,  $\frac{1}{4}$  lb. 45c.

**May King.** A very early variety for outdoor use, also for using under glass. It produces solid buttery heads. Pkt. 10c., 15c.  $\frac{1}{2}$  oz., oz. 25c., 75c.  $\frac{1}{4}$  lb., lb. \$2.50.

**Mammoth Salamander.** Now our most popular summer variety; does not run to seed under the most trying conditions; the heads are exceptionally large, a good green color and tender, with a buttery flavor. Pkt. 5c. and 10c., 20c. oz.,  $\frac{1}{4}$  lb. 50c., \$1.75 per lb.

**Michell's Number One.** This lettuce is a positive header under the most trying conditions. It is tender, of a decided buttery flavor, and immensely large. A valuable type for hot weather; also desirable for autumn use. We have known instances where this lettuce brought twice the price of other sorts. Pkt. 10c., 15c. per  $\frac{1}{2}$  oz., per oz. 30c., \$1.00 per  $\frac{1}{4}$  lb., per lb. \$3.00.

**Oak Leaved.** Form of foliage just like that of an oak tree, from which it derives its name. Excellent for summer. Pkt. 5c. and 10c., 20c. oz.,  $\frac{1}{4}$  lb. 60c.

**Salamander.** In every way this is like the mammoth type offered above, except the head is not so large. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**Sensation.** When a variety of lettuces are desired for summer use include this one; it forms heads very rapidly, and is sometimes used for early frame sowing. Color a light green; quality delicate and well flavored. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.75 per lb.

**Silesian.** Used principally for loose leaf cutting as it does not form solid heads; can be sown broadcast or transplanted; in the latter event it forms loose heads. Color a light green, very tender. Pkt. 5c. and 10c., 15c. per oz.,  $\frac{1}{4}$  lb. 45c. \$1.50 per lb.

**Silver Ball.** A combination for either forcing or outdoor sowing, an excellent heat resister, heads small and compact. Color dark green, delicate buttery flavor. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**Tennisball.** The head is small but very hard, it matures early and is especially desirable for forcing. There are very few outer leaves, and consequently little waste. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

**Tennisball (Improved Strain).** The best type for winter or spring forcing. Pkt. 10c., 25c. per oz., 75c. per  $\frac{1}{4}$  lb., lb. \$2.00.

**Early Cabbage or White Butter.** A wonderful producer of the largest sized heads; while an older variety, it still is in the lead. Excellent to sow in hotbeds for early spring use, while it may be used continuously until autumn. Color a light green with a rich delicate interior, very hardy. Pkt. 5c. and 10c., 15c. per oz.,  $\frac{1}{4}$  lb. 45c. \$1.50 per lb.

**Early Curled Simpson.** This variety does not head, but forms a dense loose mass of leaves, the color is a light green, makes an excellent sort for cutting. It can also be sown broadcast and not transplanted, merely thinned out. Pkt. 5c. and 10c., 15c. per oz.,  $\frac{1}{4}$  lb. 45c. \$1.50 per lb.

**Emperor Forcing.** For sowing in greenhouses or in hotbeds for forcing purposes this variety is in the lead. The head it produces is not large but very solid. It does not make a suitable head outdoors, and other varieties should be used for this. Color light green, heart tender and buttery. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.60 per lb.

**Golden Queen.** An early sort for either outdoor or forcing; the heart is almost a golden yellow and very compact. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c.

**Unrivalled.** Offered as an improvement on the Big Boston Lettuce. The heads are very large, green and of a crisp nature. Very desirable for summer use. Few varieties surpass it for general use. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Wonderful.** Of the cabbage-headed sorts this is a leader; the color is dark green, with white interior; the heads are large, having curled outer leaves, a popular kind for summer. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.75 per lb.



*Trianon Cos Lettuce*

## COS ROMAINE OR CELERY LETTUCE

As will be seen from the illustration, this type is different from the ordinary lettuce in growth. The interior can be blanched by tying together the outer leaves, which will render it tender and crisp. Much used in Europe.

**Kingsholm Cos.** A dark green variety producing long pointed leaves. Pkt. 5c. and 10c., 15c. per oz.,  $\frac{1}{4}$  lb. 45c. \$1.50 per lb.

**Trianon Self-Folding.** Requiring no tying to blanch, this naturally is a popular sort of this type, the leaves are a very light green and blanch naturally. Pkt. 5c. and 10c., 20c. per oz.,  $\frac{1}{4}$  lb. 50c., \$1.50 per lb.

## LETTUCE PLANTS—At All Seasons

Best heading varieties. Per 100 40c., 1000 \$3.00.

## MARTYNIA

**Proboscidea.** The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May, and transplant two feet apart. Pkt. 5c. and 10c., 15c. per  $\frac{1}{2}$  oz., 1 oz. 25c., 75c. per  $\frac{1}{4}$  lb.

**NOTE.**—The prices for one pound or less of seeds include postage except where noted



## MUSK MELON OR CANTALOUPE

Melone (Ger.)

Melon Muscade (Fr.)

**NOTE.**—The Cantaloupe Crop was seriously affected in many ways the past season and the price of seed is somewhat higher than usual.

One ounce for seventy-five hills; two and a half pounds to the acre.

A rich, sandy soil is the best for the cantaloupe. Plant the seed when the ground is warm, from six to twelve seeds in hills six feet apart each way; when about three inches high thin out to leave three vigorous plants in a hill. When the shoots are a foot long pinch off the tips to branch and strengthen the vine. Thin out the fruit if it is excessive. Never plant near cucumbers, squash or other vine seeds, as the bees might hybridize the blossom and cause the fruit to take on the flavor of the former.

**Burrell Gem.** This might be called an improved Rockyford, except that the flesh is a golden or orange yellow. It is very meaty and has few seeds. The melon is oval in shape and very prolific; it is probably the best keeper in the cantaloupe line. Pkt. 5c., 15c. per oz., 50c. per ¼ lb., 1 lb. \$1.75.

**Delicious.** Similar to the famous melons produced under glass in France. It is immensely large, deep ribbed, and of the finest eating quality; the flesh is an orange yellow, and is very abundant. The variety has but very few seeds. Pkt. 15c., 60c. per oz., ¼ lb. \$1.75.



Musk Melon—Emerald Gem



Musk Melon—Rockyford

**Emerald Gem.** One of the earliest, tremendously sweet and luscious; almost round in shape and very prolific; color deep salmon. Pkt. 10c., 20c. per oz., ¼ lb. 65c., \$2.25 per lb.

**Extra Early Hackensack.** A large almost round melon, deep ribbed, very sweet, green flesh; it is a large yielder and hardy. Pkt. 5c., 15c. per oz., ¼ lb. 50c., \$1.50 per lb.

**Golden Jenny.** Very early, oval shape, green flesh; an improvement on the old Jenny Lind, small in size. Pkt. 5c., 15c. per oz., ¼ lb. 40c., \$1.25 per lb.

**Jenny Lind.** Few of the older gardeners fail to still plant this sort; while small, it is very early and exceptionally sweet, flesh green, shape roundish flat. Pkt. 5c., 15c. per oz., ¼ lb. 50c., \$2.00 per lb.

**Rockyford.** Regarded as the best all round melon to be had. Shape oval, medium size, flesh green and very sweet. Pkt. 5c., 15c. per oz., ¼ lb. 40c., \$1.25 per lb.

## MANGO MELON OR VINE ORANGE

The size, color and shape like an orange; they are also called vegetable orange; excellent for preserving; vines produce frequently 25 to 30 fruits at one time. Pk. 10c., 20c. per ounce, ¼ lb. 60c.

Wasser Melone (Ger.) **WATER MELON** Melon D' Eau (Fr.)

One ounce will plant about 30 hills; about 4 lbs. plant an acre.

Water melons require very much the same treatment as cantaloupes. Plant in hills eight or ten feet apart each way. To get large fruit, leave but one or two on a vine.

**Cuban Queen.** A striped and mottled variety, with a thin rind; the flesh is sweet, bright red, very solid; it attains a mammoth size. Pkt. 5c., oz. 10c., ¼ lb. 30c., 90c. per lb.

**Citron or Preserving Melon.** Excellent for preserving, etc., almost transparent when prepared; finely flavored. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Dark Icing.** Large in size, very sweet and luscious; the outside color is a dark green; excellent keeper. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Dixie.** One of the old time favorites, a cross between Kolb's Gem and Mountain Sweet; produces good, medium size melons; flesh red, exterior mottled; very sweet and early. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Florida Favorite.** Large oblong fruit with striped skin; of most delicious flavor; very solid meat and extremely juicy. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Halbert Honey.** This variety is particularly desirable on account of its thin rind and tender, juicy meat; flesh red. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Light Icing.** Flesh bright red, outside color very light green, round in shape, similar to Dark Icing, except the outside rind. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

**Mountain Sweet.** Early, large, oblong shape, rind dark green; flesh red, solid and sweet. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

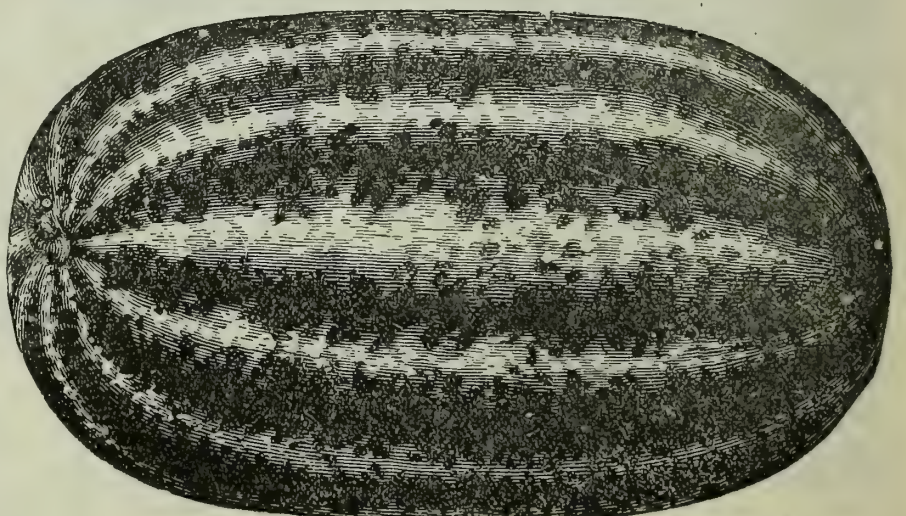
**Sweet Heart.** Handsome oval shape, very large, green and mottled, solid, meaty and sweet. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

## FORCING MELONS

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

**Blenheim Orange, Invincible-Scarlet, Windsor Castle.** Each, per pkt., 25c.

**Sutton's A1.** In original packets, 50c. per pkt.



Water Melon—Dixie

**Kleckley Sweets.** A handsome bright red fleshed sort with light green skin; one of the best oblong varieties. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.





A cluster of Mushrooms from Michell's Pure Culture Spawn

### Books on Growing Mushrooms

Pamphlet (gratis for a postal card asking for it) . . . . .	
Robinson's Book (postpaid) . . . . .	\$0 50
Falconer's Book ( " ) . . . . .	1 00

Senf (Ger.)

## MUSTARD

Moutarde (Fr.)

One ounce of seed will sow a drill about 75 feet long

This makes a delightful salad in its green form; the seed is also used for flavoring various things. Sow the seed in shallow drills about eight inches apart. It matures for use very quickly. As a winter salad it is also very desirable, as it can be sown in boxes or frames, and if well protected will keep well.

White or Yellow. 5c. per oz., ¼ lb. 15c., 40c. per lb.

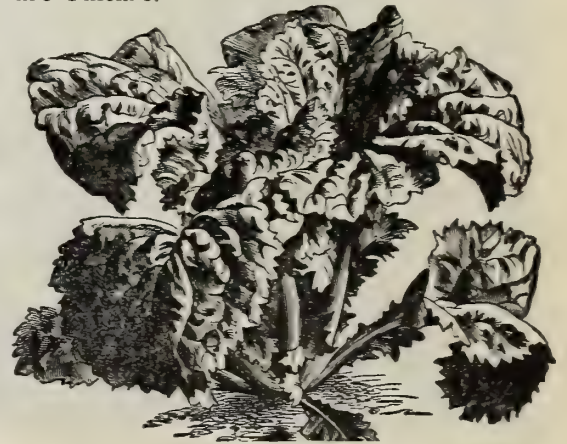
### TESTIMONIAL

Washington, D. C., May 18th, 1910

Mr. HENRY F. MICHELL,  
Philadelphia.

Dear Sir:—Will you please send to me as soon as possible the seeds called for on the enclosed list? Mr. Hammer has delayed attending to this until it is pretty late. He tells me that of all the seeds he has had for some time, your seeds have turned out the most satisfactory.

Sincerely yours, EDWARD A. MOSELEY,  
Secretary, Interstate Commerce Commission



Mustard

## OKRA or GUMBO

Gombaud (Fr.)

One ounce of seed will sow about 20 feet; one lb. to 300 feet

The green pods are extensively used in soups and stews, to which they add considerable zest; they are also very nutritious. Sow the seed in well fertilized ground, after the frost and cold is thoroughly out of the ground, in rows about three feet apart; drop the seed at distances of several inches apart, and thin out to allow development when growing to about six inches.

**Dwarf Green, Improved.** A very desirable sort, immensely productive, bearing very long pods well filled. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 60c. per lb.

**Perkins' Long Pod (Improved Strain).** A wonderful dwarf type, setting pods when only a foot high. It can be planted somewhat earlier than other sorts and consequently matures sooner. The pods are exceedingly long and tender. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 70c. per lb.

**White Creole or Velvet.** The pods of this variety are very free from ridges; they are light green and tender. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 60c. per lb.

## ONION SETS

Prices May Change and are Subject to the Market

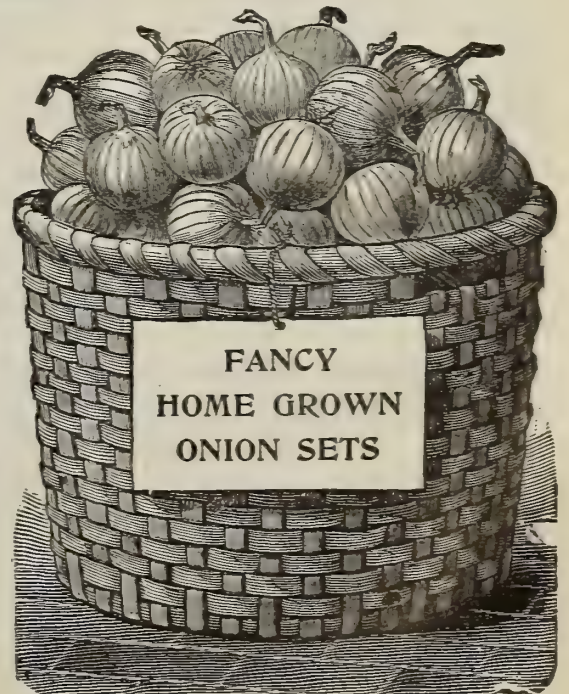
These are invariably produced from seed furnished by us, and we are thus very certain of getting only the choicest types.

**Shipped** on local orders about March 10th unless otherwise requested.

If wanted by mail add 5c. per pint and 10c. per quart for postage.

	Pint	Quart	4 Quarts	Peck	Bush.
Yellow Danvers and Strasburg . . . . .	\$0 10	\$0 20	\$0 70	\$1 25	\$4 25
White Silverskin . . . . .	13	25	90	1 50	5 75
White Multiplier . . . . .	15	25	75	1 25	4 50
Potato Onion . . . . .	15	25	75	1 25	4 00
Shallots . . . . .	15	30	1 10	2 00	6 00
Red Wethersfield . . . . .	10	20	70	1 25	4 25
Tree or Top . . . . .	10	20	60	1 00	3 50
Garlic Sets. Per lb. 30c. (38c. by mail postpaid), 10 lbs. for \$2.50					

FOR ONION SEED see FOLLOWING PAGE





Zwiebel (Ger.)

**ONION**

Ognon (Fr.)

**One ounce of seed for 100 feet of row; for sets 30 lbs. per acre. For Full Size Onions, 5 to 6 lbs. per acre.**

For sets, sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops die off in summer, remove them to a dry airy place; and early in the following spring, replant them by placing sets in shallow drills twelve inches apart and about three inches apart in the drills. They may also be grown to full size during the first season by sowing the seed thinly in March or early in April in drills one foot apart. Thin them out to stand three or four inches apart in the drills.

**Bermuda White.** An early variety producing an immense bulb. The earliest. Pkt. 10c., 15c. per ½ oz., 1 oz. 30c., 85c. per ¼ lb., 1 lb. \$3.00.

**Bermuda Red.** Similar in every way except color to the foregoing variety. Pkt. 10c., 15c. per ½ oz., 1 oz. 30c., 75c. per ¼ lb., 1 lb. \$2.75.

**White or Silver Skin.** A mild-flavored early variety, extensively grown for pickling. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 25c., 80c. per ¼ lb., lb. \$3.00.

**Yellow Danvers.** An excellent early oval straw-colored variety, of mild flavor, productive, good keeper. Pkt. 5c. and 10c., oz. 20c., 60c. per ¼ lb., lb. \$2.25.

**Prize Taker Mammoth Yellow.** Large round, rapid grower; attains full size in one season. Pkt. 5c. and 10c., oz. 20c., 65c. per ¼ lb., lb. \$2.50.

**Yellow Strasburg or Dutch.** A good keeper; somewhat flattened shape. Pkt. 5c. and 10c., oz. 20c., 60c. per ¼ lb., lb. \$2.25.

**Large Red Wethersfield.** Grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5c. and 10c., 20c. per oz., per ¼ lb. 60c., \$2.25 per lb.

**Southport Yellow Globe.** Fine keeper. Pkt. 5c. and 10c., oz. 20c., 70c. per ¼ lb., lb. \$2.25.

**Southport White Globe.** Pkt. 5c. and 10c., 15c. per ½ oz., oz. 30c., \$1.00 per ¼ lb., lb. \$3.75.

**Southport Red Globe.** Pkt. 5c. and 10c., oz. 20c., 70c. per ¼ lb., lb. \$2.50.

**White Barletta.** Extra early, for pickling. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 25c., 80c. per ¼ lb., lb. \$2.75.



**Danver's Yellow Globe Onion**

**ONION CULTURE, by a Practical Grower, 20c. per copy.**

**FOR ONION SETS SEE PRECEDING PAGE.**

Erbsen (Ger.)  
Pois (Fr.)

**GARDEN PEAS**

Peas were an extremely short crop last season and prices are some higher.

**Sow one quart of seed to 100 feet of row; one and one-half to two bushels to the acre in drills.**

Peas succeed best in light, dry loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used, let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow in single rows, dwarf sorts three feet apart, and tall sorts four feet, or in double drills, six to eight inches apart, one inch apart in the drill, and not less than four inches deep, for late sorts five to six inches deep. Deep planting prevents mildew.

**EXTRA EARLY VARIETIES**

**Alaska.** Smooth seeded, very early, height 2½ feet. 20c. per pt. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., \$2.50 per peck, bu. \$10.00.

**American Wonder.** The earliest wrinkled dwarf variety, exceedingly sweet, height 10 to 12 inches. 20c. per pt. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.50 per 4 qts., peck \$2.75, \$11.50 per bu.

**Dandy Extra Early.** These are a selection of the Eureka, but will be found far superior; smooth seeded, very prolific and desirable for the kitchen garden, height 24 inches. Per pt. 20c. (postpaid 28c.), qt. 40c. (postpaid 55c.), \$1.50 per 4 qts., peck \$2.75, \$11.00 per bu.

**Daniel O'Rourke.** Desirable for either home or market, smooth seeded, height 24 inches. 20c. per pt. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., peck \$2.50, \$10.00 per bu.

**Early June.** A green seeded smooth pea, desirable for first planting, an improvement on Alaska, height 2½ feet. 20c. per pt. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., peck \$2.50, bu. \$10.00.

**Eureka.** A great producer and extremely early, height 24 inches. 20c. per pt. (postpaid 28c.), qt. 35c. (postpaid 50c.), 4 qts. \$1.30, \$2.50 per peck, bu. \$10.00.

**Electric.** An improved variety of Alaska, being earlier; height 2 ft. 20c. per pt. (postpaid 28c.), qt. 35c. (postpaid 50c.), \$1.30 per 4 qts., pk. \$2.50, \$10.00 per bu.

**Gradus or Prosperity.** Never was there a pea offered which is so greatly demanded as this very early sort. It is exceedingly luscious, wrinkled and a great producer, height 36 inches. 30c. per pt. (postpaid 38c.), qt. 60c. (postpaid 75c.), 4 qts. \$2.25, \$4.00 per pk., bu. \$14.00.

**Mayflower.** A very dwarf, wrinkled sort, vines not over 10 in. high, pods large and well filled. Pt. 35c. (postpaid 43c.), qt. 60c. (postpaid 75c.), 4 qts. \$2.00, \$3.75 per pk., \$14.00 per bu.

**McLean's Little Gem.** Similar to American Wonder, but a heavier producer, wrinkled seed, height 18 inches. 20c. per pt. (postpaid 28c.), 35c. per qt. (postpaid 50c.), 4 qts. \$1.30, \$2.50 per peck, bu. \$10.00.

**Michell's Special Ex. Early.** Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet and very tender, a grand yielder, height 24 inches. 25c. per pt. (postpaid 33c.), 50c. per qt. (postpaid 65c.), 4 qts. \$1.75, \$3.25 per pk., bu. \$12.00.

**Nott's Excelsior.** An improved American Wonder, growing taller and is more prolific; it is equally as early; height 15 inches. 20c. per pt. (postpaid 28c.), qt. 40c. (postpaid 55c.), 4 qts. \$1.50, \$3.00 per pk., bu. \$11.50.

**Nott's Excelsior (Improved Strain).** Pt. 25c. (postpaid 33c.), 45c. per qt. (postpaid 60c.), \$1.75 per 4 qts., peck \$3.25, \$12.00 per bu.

**Premium Gem.** Seed wrinkled, pods large, filled with very fine quality of peas, height 16 inches. 20c. per pt. (postpaid 28c.), qt. 35c. (postpaid 50c.), 4 qts. \$1.30, \$2.50 per pk., bu. \$10.00.

**Thos. Laxton.** On a par with Gradus in quality, a heavy producer, wrinkled, exceedingly early, height 36 inches. 25c. per pt. (postpaid 33c.), qt. 50c. (postpaid 65c.), \$1.75 for 4 qts., pk. \$3.25, \$12.00 per bu.

**Large Packets of Peas in all Varieties, 10c. postpaid**



## NITROGEN-FIXING BACTERIA

Nitro-culture will be found highly beneficial for inoculating pea seed. The vines will bear much larger and better Peas and fully two weeks earlier.

For full information see page 154.

Trial packages 25c. and 50c. Be sure and include some in your order of peas. Always say for what seed the Culture is desired when ordering.

## PEAS (Continued) SECOND EARLY VARIETIES

Packets of all sorts,  
10c. postpaid.

**Alderman.** An improved Duke of York, producing a larger pod and a delicious pea; height 2½ feet. Per pt. 20c. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.50 for 4 qts., pk. \$2.75, \$11.00 per bu.

**Bliss Abundance.** Produces very large pods containing six and even more peas of a delicious flavor; a great yielder; height 20 inches. Per pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 per 4 qts., peck \$2.50, \$10.00 per bu.

**Daisy or Dwarf Telephone.** A cross between Telephone and Stratagem, combining the excellent qualities of the latter two sorts; height 18 inches. Per pt., 20c. (postpaid 28c.), 45c. per qt. (postpaid 60c.), \$1.75 for 4 qts., pk. \$3.25, \$13.00 per bu.

**Heroine.** A fine wrinkled variety, claimed to be the finest pea in existence; height 2 feet; a great cropper. Per pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 per 4 qts., peck \$2.50, \$10.00 per bu.

**Long Island Mammoth.** Largely in use among private and market gardeners; it yields handsome large peas, very tender; height 3½ feet. Per pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., pk. \$2.50, \$10.00 per bu.

**McLean's Advancer.** The pods are very long and well filled; very tender and sweet; excellent to succeed the extra earlies; height 2 feet. Per pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., pk. \$2.50, \$10.00 per bu.

**Pride of the Market.** An excellent dwarf variety for early summer use; pods containing as many as nine peas. Per pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 per 4 qts., peck \$2.50, \$10.00 per bu.



Michell's Telephone Peas

## GENERAL OR LATER CROP VARIETIES

**Black Eye Marrowfat.** Excellent where a large crop is desired, it is not so sweet as the green-seeded wrinkled varieties; height 4 feet. 15c. per pt. (postpaid 23c.), 25c. per qt. (postpaid 40c.), 90c. per 4 qts., peck \$1.60, \$6.40 per bu.

**Champion of England.** A very tall rank grower, but a wonderful yielder of peas of delicious quality; seed wrinkled; height 5 feet. Per pt. 15c. (postpaid 23c.), 30c. per qt. (postpaid 45c.), \$1.15 for 4 qts., pk. \$2.25, \$9.00 per bu.

**Duke of York.** One of the finest late wrinkled varieties, should be grown by all pea planters; wrinkled and very sweet; height 2½ feet. Per pt. 15c. (postpaid 23c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., pk. \$2.50, \$10.00 per bu.

**Duke of York (Improved Strain).** 20c. per pt. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.35 per 4 qts., peck \$2.60, \$10.40 per bu.

**Dwarf Champion.** Possesses most all the good qualities of the famous Champion of England, and having the further advantage of being dwarf; a very delicious pea which should be planted largely; height 2 feet. Per pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., pk. \$2.50, \$10.00 per bu.

**Everbearing.** Fine for summer and autumn use; height 2 feet; delicious. Per pt. 20c. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.50 for 4 qts., pk. \$2.75, \$11.00 per bu.

**Fillbasket.** Market gardeners and those desiring a large crop should plant this pea; quality very good; height 30 inches. Per pt. 15c. (postpaid 23c.), 30c. per qt. (postpaid 45c.), \$1.10 for 4 qts., pk. \$2.00, \$8.00 per bu.

**French Canner (Petit Pois).** Tremendous cropper, pod very long and well filled; 3 to 4 ft. high. Pt. 20c. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.25 per 4 qts., peck \$2.25, \$9.00 per bu.

**Stratagem (Improved).** Immense pods containing an abundance of good, large tender peas; seed wrinkled; height 20 inches. Per pt. 25c. (postpaid 33c.), 45c. per qt. (postpaid 60c.), \$1.75 for 4 qts., pk. \$3.25, \$13.00 per bu.

**Telephone (Tall).** The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height 3½ feet. Per pt. 20c. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.50 for 4 qts., peck \$2.75, \$11.00 per bu.

**White Marrowfat.** Similar in most every way to the Black Eye Marrowfat, but not so tall; height 3 feet. 15c. per pt. (postpaid 23c.), 25c. per qt. (postpaid 40c.), 90c. for 4 qts., pk. \$1.60, \$6.40 per bu.

**Yorkshire Hero.** Planted extensively by all private gardeners on account of its many good points; height 2½ feet. 20c. per pt. (postpaid 28c.), 35c. per qt. (postpaid 50c.), \$1.30 for 4 qts., pk. \$2.50, \$10.00 per bu.

## SUGAR OR EDIBLE POD VARIETIES

This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.

**Dwarf Sugar.** Gray seed; height 2 feet. 20c. pt. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.35 for 4 qts., peck \$2.50.

**Melting Sugar.** White seed; height 4 feet. 20c. per pt. (postpaid 28c.), 40c. per qt. (postpaid 55c.), \$1.35 for 4 qts., peck \$2.50.

## TESTIMONIAL ON PEAS

North Wales, Pa.

I have purchased my Peas from you for the past three years. I find them better than those bought elsewhere.

MRS. C. S. KNEPP

Ask for free Pamphlet on Growing Peas



Petersilie (Ger.)

**PARSLEY**

Persil (Fr.)

One ounce sows about one hundred feet of drill

The seed germinates very slowly, plants sometimes not appearing for three or four weeks; soak seed a few hours in lukewarm water before sowing, this will help quick germination. Sow in April, outdoors, in beds or in drills 18 inches apart, sow thickly and thin out so the plants stand 4 to 6 inches apart. For winter use put a frame around the bed and cover during cold nights.

**Champion Moss Curled.** Beautifully crimped and curled. It can be cut the year round, rarely runs to seed. Pkt. 5c., oz. 10c., ¼ lb. 25c., 85c. per lb.

**Double Curled or Covent Garden.** A great improvement over all other varieties. Pkt. 5c., oz. 10c., ¼ lb. 35c., \$1.00 per lb.

**Dwarf Perfection.** An excellent, very curly, compact sort. Pkt. 10c., ½ oz. 15c., 25c. per oz., ¼ lb. 75c., \$2.75 per lb.

**Extra Curled Perpetual.** Leaves tender, crimped and very curly; excellent for garnishing. Pkt. 5c., oz. 10c., ¼ lb. 25c., 85c. per lb.

**Fern Leaved.** Valuable for garnishing. A very ornamental as well as useful variety. Pkt. 5c., oz. 10c., ¼ lb. 30c., 90c. per lb.

**Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc. Pkt. 5c., oz. 10c., ¼ lb. 25c., 85c. per lb.

**Plain Curled.** Preferred by many to the Double or more curly sorts. Pkt. 5c., oz. 10c., ¼ lb. 25c., 75c. per lb.

**Summer Green.** This variety is well suited to summer use as it does not turn yellow. Pkt. 5c., oz. 10c., ¼ lb. 25c., 85c. per lb.

**PARSLEY PLANTS** (*Ready in April*)

**Pot Grown.** Well developed stock. Doz. 50c., \$4.00 per 100.

Pastinake (Ger.)

**PARSNIP**

Panais (Fr.)

One ounce will sow a drill 150 feet long. 5 lbs. are required to sow an acre

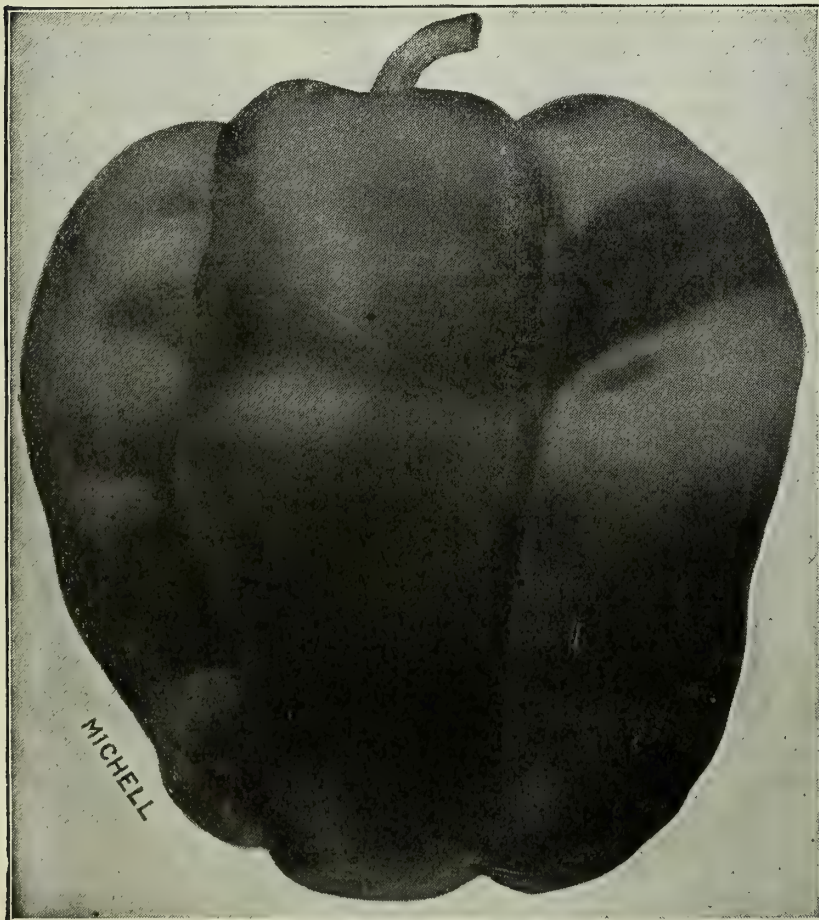
Sow early in the spring in drills about 24 inches apart, covering the seed slightly when the plants are 2 or 3 inches high, then thin out so the roots will develop; cultivate well during the growing season. The roots are especially good when slightly frosted; they may be left in the ground all winter.

**Guernsey or Student.** A thick shouldered or top, half long variety. Pkt. 5c., oz. 10c., ¼ lb. 20c., 60c. per lb.

**Improved Sugar or Hollow Crown.** The roots are very long, with pure white interior, the flavor is excellent. They are very sweet and perfect. Pkt. 5c., oz. 10c., ¼ lb. 20c., 60c. per lb.

**PEANUTS**

**Selected Virginia.** Stock especially for seed purposes. Plant in May in drills about 3 feet apart, placing the nuts 10 inches apart. 15c. per pint, qt. 30c., \$1.00 per peck.



Chinese Giant Pepper



Double Curled Covent Garden Parsley

Pfeffer (Ger.)

**PEPPER**

Piment (Fr.)

One ounce of seed will produce 1200 plants

The hot bed in which pepper seed is sown should have plenty of bottom heat, as warmth is very essential to germination. The seed may be sown in February or March, indoors or under glass. The plants should not be set out until the middle of May.

**Cayenne.** A long red variety, very hot and used principally bunching with pot herbs. Pkt. 5c., ½ oz. 15c., oz. 25c., 80c. ¼ lb.

**Celestial.** A Chinese variety bearing roundish upright pods. Pkt. 5c., ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

**Chinese Giant.** This is a real monster pepper, perfectly sweet, the fruit is green turning to bright scarlet, matures very late, a very shy seeder. Pkt. 10c., 30c. ½ oz., oz. 60c., \$2.00 per ¼ lb.

**Coral Gem.** This variety grows in the form of a bouquet; pods, bright red. Pkt. 10c., ½ oz. 20c., oz. 35c., \$1.25 per ¼ lb.

**Golden Dawn.** A large yellow variety, very sweet. Pkt. 5c., ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

**Large Sweet Spanish.** A variety rivaling with Chinese Giant, is, however, not as large. Color and shape very similar, also late maturing. Pkt. 5c., ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

**Neapolitan.** Introduced in late years, the variety is an excellent one, grows a long shape and somewhat narrow; It stands upright on the bushes. The fruit is sweet and bright red; a very early sort. Pkt. 10c., ½ oz. 25c., oz. 50c., \$1.75 per ¼ lb.

**Red Cherry.** A small upright growing sort; very hot in flavor. Pkt. 5c., ½ oz. 15c., oz. 25c., 85c. per ¼ lb.

**Ruby King.** A large red variety resembling Bull Nose. Pkt. 5c., ½ oz. 15c., oz. 30c., 90c. per ¼ lb.

**Small Chili.** Used principally for seasoning and making sauce. It is very hot. Pkt. 5c., ½ oz. 15c., oz. 25c., 85c. per ¼ lb.

**Sweet Bell or Bull Nose.** The standard pepper for either market or home consumption. Very thick flesh, perfectly mild, and a great producer. Pkt. 5c., ½ oz. 15c., oz. 30c., 90c. per ¼ lb.

**PEPPER PLANTS** (*Ready in May*)

**Pot Grown Plants.** 50c. per doz., per 100 \$4.00.

**Hot Bed Grown.** 20c. per doz., per 100 \$1.25.

**POT MARIGOLD**

Used for medicinal purposes. Pkt. 5c., ½ oz. 10c., 15c. per oz.



# NORTHERN GROWN SEED POTATOES

Plant ten bushels per acre.

Choice Seed Potatoes make up one of our specialties. We buy them in carloads and direct from the growers. We handle pure genuine stock of

## MAINE GROWN SEED ONLY

which is far superior to that grown in New York and nearby points, the yield is much larger, the quality better.

**TIME OF SHIPMENT.**—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customers risk any time during cold weather.

Our potatoes are put up in barrel sacks of 165 lbs each. Where shipment in barrels is desired please add 30c. to the price, which is only part of the cost of a barrel.

## EARLY SORTS

**Beats Them All (Michell's).** This famous variety was sent out by us, and has given the best results wherever tried, yielding more than any other early potato; quality fine, extremely early, coming in about 1 week to 10 days earlier than Early Rose. ½ pk. 40c., 75c. per pk., bu. \$2.25, \$5.50 per bbl. sack.

**Beauty of Hebron.** Somewhat earlier than Early Rose, otherwise very similar, good yielder. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Bliss Triumph or Red Bliss.** A very early thin-skinned variety, they are frequently offered as southern or Bermuda grown potatoes. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Bovee.** Earlier than Early Rose; good form and quite a yielder; quality excellent; pink flesh; cooks white; dwarf in growth. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Burbank.** A medium early white variety, has very few eyes, a large yielder, shape long. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Clark's No. 1.** A rose-colored variety resembling the Early Rose in shape, it is an excellent one for early market. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Early Fortune.** A long potato and a good one, on a par with Early Rose. 30c. per ½ pk., pk. 50c., \$1.40 per bu., bbl. sack \$3.75.

**Early Norther.** Extra early, very prolific, and very mealy, shape long. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Early Ohio.** A seedling of the Early Rose, ripens about a week earlier; excellent quality. ½ pk. 30c., 50c. per pk., bu. \$1.50, \$4.00 per bbl. sack.

**Early Rose (Houlton or Maine).** A leading variety for earliness, quality and productiveness. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Early Standard.** Extremely early, good keeper, uniform in size, producing principally large potatoes. Pure white cooker. ½ pk. 35c., 60c. per pk., bu. \$2.00, \$5.00 per bbl. sack.

**Irish Cobbler.** A splendid sort, almost entirely round in shape; good quality; heavy producer. ½ pk. 30c., 50c. per pk., bu. \$1.50, \$4.00 per bbl. sack.

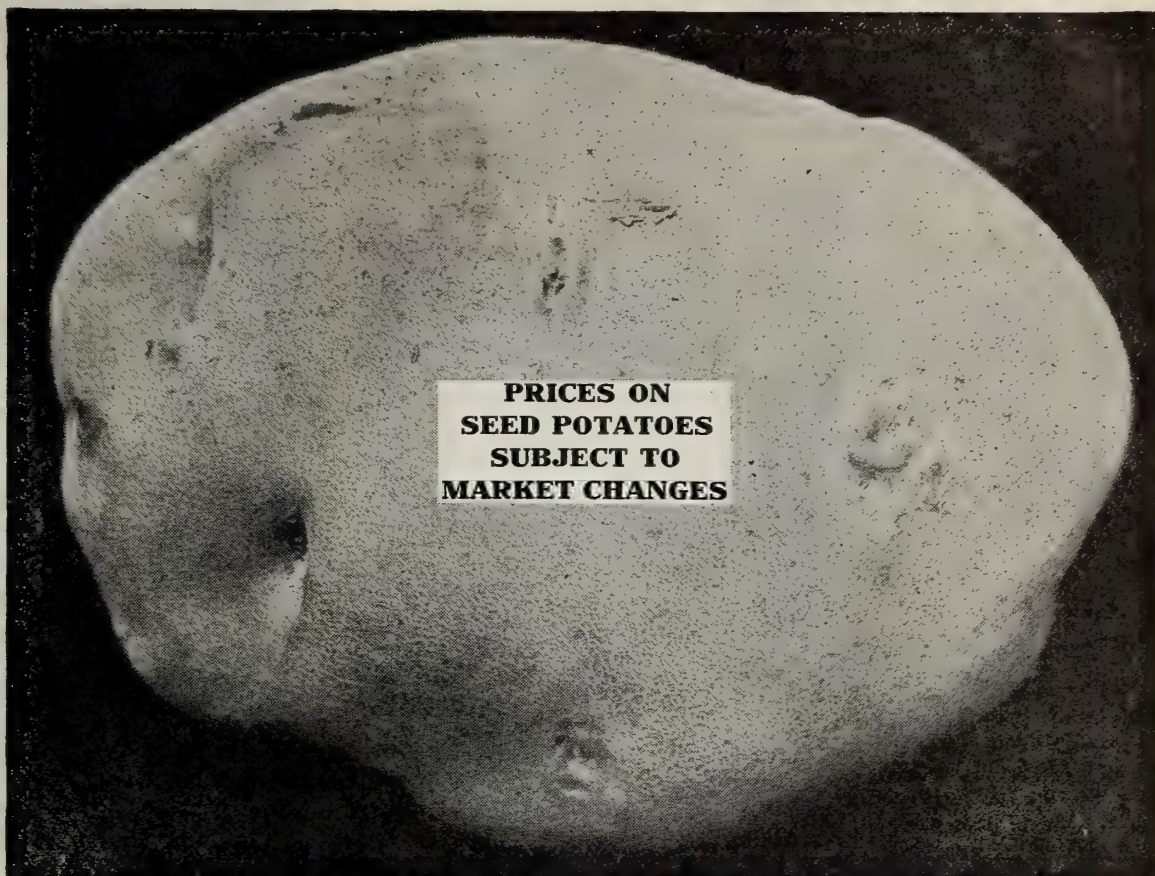
**New Queen.** A very early long type resembling Beauty of Hebron but earlier in maturing. 30c. per ½ pk., pk. 50c., \$1.40 per bu., bbl. sack \$3.75.

**Pride of the South or White Bliss.** White flesh and skin. ½ pk. 30c., 50c. per pk., bu. \$1.50, \$4.00 per bbl. sack.

## LATE OR GENERAL CROP VARIETIES

**Carman No. 3.** A handsome yielder; produces potatoes of the most excellent quality. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Empire State.** Tremendously productive; shape long; very large. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.



## State of Maine Seed Potato

### LATE OR GENERAL CROP VARIETIES (Continued)

**Green Mountain.** An excellent general crop variety. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Mammoth Pearl.** The largest potato grown, never rots, very mealy. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Rural New Yorker No. 2.** A very smooth-skinned sort, valuable as a cropper, for which it cannot be equalled. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**Sir Walter Raleigh.** A white-skinned main crop potato, resembling Rural New Yorker. One of the best of the late sorts. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**State of Maine.** An old favorite, grown by every gardener; good keeper. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

**White Star.** As a kitchen garden variety, or sort for commercial use, there are few as good; excellent for baking; long in shape. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

We can also supply all other varieties of Seed Potatoes.

**Potato Seed.** From very promising types; a chance to get a good new sort. Pkt. 15c., 25c. for 2 pkts., 5 pkts. 50c.

### POTATO SCAB DESTROYER

A pint of solution which dilutes in water is sufficient for treating 20 bu. of potatoes. The potatoes should be laid therein for 2 hours before cutting. Pt. 50c.

### PLANTS OF SWEET POTATOES (Ready in May)

**Yellow Bush (Vineless).** 60c. per 100, 250 for \$1.25, 1000 \$4.00.

**Yellow and Red Nansemond.** 40c. per 100, 1000 \$2.50 (5000 lots \$10.00).



### CONCAVE POTATO KNIVES

For cutting out the eyes of seed potatoes prior to planting. Made of best steel with concave blade.

35c.; 3 for \$1.00, postpaid.



Rettig (Ger.)

**RADISH**

Radis (Fr.)

One ounce of seed will sow a row about 75 feet long;  
8 to 10 pounds are required for an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. There are many varieties now from which a selection can be made for sowing at almost any season of the year, with proper facilities. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in cool cellars and covered with sand.

**EARLY SORTS**

**Brightest Scarlet, Half Long.** Entirely distinct, being a vivid scarlet color, tipped with white. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 60c. per lb.

**Cardinal or Scarlet Globe.** The very best forcing variety, is of globular shape and brilliant cardinal red color. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

**Cardinal Globe (Improved Strain).** This popular radish will be welcomed readily in an improved form, the color and shape are perfect. Pkt. 5c., 15c. per oz., ¼ lb. 40c., \$1.25 per lb.

**Crimson Giant.** Turnip shaped; very large and tender. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

**Early French Breakfast.** Oblong shape, rapid grower, very mild and tender, of a beautiful scarlet color, tipped with white. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 85c. per lb.

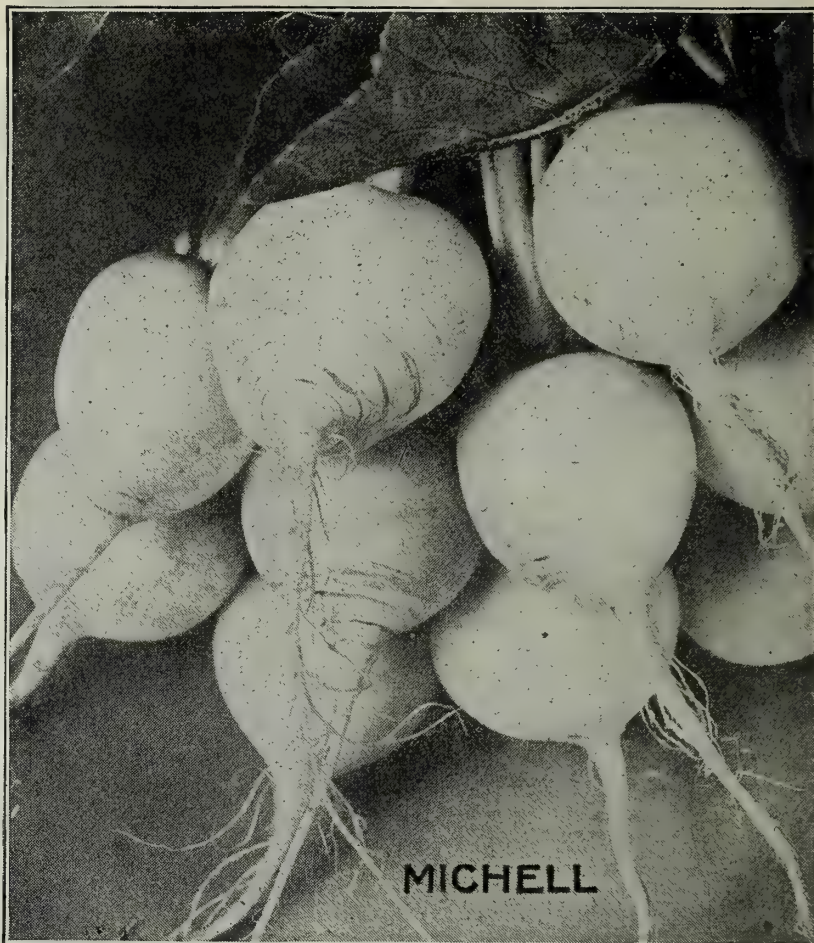
**Fireball.** Turnip shaped; brilliant scarlet color, crisp, tender, of mild flavor; useful only as a forcing variety or for early spring use. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 85c. per lb.

**Icicle.** A magnificent white variety of fine taste, grows 3½ to 4 in. long in 22 days. Also suitable for summer. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 85c. per lb.

**Icicle (Improved Strain).** A selection of seed made from perfect roots, thus ensuring utmost uniformity. Pkt. 5c., 15c. oz., ¼ lb. 40c., \$1.25 per lb.

**Long Scarlet Short Top or Salmon.** The standard variety; long bright scarlet with small top. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. per lb.

**Round Red Forcing or Button.** Very quick in maturing. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 85c. per lb.



Felton's Stock White Box Radish

**EARLY SORTS—Continued**

**Round White Forcing or Turnip.** An excellent small solid variety. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 85c. per lb.

**White Box, Felton's.** (Private stock.) A selection of the old reliable White Box radish, more perfect form, producing shorter tops, and does not have a tendency to grow long in shape. Pkt. 5c., 15c. per oz., ¼ lb. 30c., \$1.00 per lb.

**White Box, Philadelphia Grown.** Perfectly round, smooth skin, pure white. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.

**SUMMER SORTS**

**Beckert's Chartier (Long).** Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp, tender, and of mild and pleasant flavor. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 75c. per lb.

**Golden Olive Shaped Yellow.** An improvement on the old Yellow Globe sort. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 65c. per lb.

**Large White Summer Turnip.** Large, turnip-shaped, white, crisp and mild. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 60c. per lb.

**Long White Lady Finger.** A fine white, crisp and mild variety. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.

**White Strasburg.** Oblong of a pure white color, and mild flavor. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 70c. per lb.

**WINTER VARIETIES**

**California White Winter.** Grows 8 to 10 inches long. One of the best for winter. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.

**Celestial or White Chinese.** Large size. Pure white, excellent keeper. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

**Half Long Black.** A great improvement on the old Long Spanish Radish. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

**Long Black Spanish.** A favorite among winter sorts. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.

**Round Black Spanish.** Like the above, except in form. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.

**Round Scarlet China.** Largely used, very crisp, never pithy. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 70c. per lb.

**Scarlet China.** (½ long.) Like the above, except in form, fine keeper. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.



Michell's Private Stock Cardinal Globe Radish

**"ALWAYS SOW" MICHELL'S EVERGREEN GRASS SEED**





Pumpkin—Mammoth Tours

Kurbis (Ger.)

**PUMPKIN**

Potiron (Fr.)

One ounce of seed will plant 25 hills; four to six lbs. to the acre

Plant any time after the ground has become permanently warm, about four seeds to the hill; the latter to be about 8 feet apart each way. To obtain strong vines they may be pinched back somewhat, and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last working.

**Cashaw or Golden Crook Neck.** A very meaty sort; suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

**Connecticut or Common Field.** Shape almost round; produced in great abundance; flesh coarse and suitable only for stock feeding; color light yellow. 5c. per oz.,  $\frac{1}{4}$  lb. 15c., 40c. per lb., 5 lbs. \$1.25.

**Large Cheese.** A large, flat deep yellow sort, very solid and sweet; flesh golden yellow; very finely grained. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 30c., 80c. per lb.

**Large Tours or Mammoth.** Shape oblong and very thick, immensely large; color golden orange; full of good meaty substance; excellent cooking quality. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

**Tennessee Sweet Potato.** Skin a light orange yellow; oblong in shape; very delicious for pie making, etc.; medium size. Pkt. 5c., 10c. per oz.,  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

**Winter Luxury.** Perfectly round, excellent for pies, color russet yellow. Pkt. 5c., 15c. per oz.,  $\frac{1}{4}$  lb. 30c., \$1.00 per lb.

Rhabarber (Ger.)

**RHUBARB**

Rhubarbé (Fr.)

Sow the seed in a small space under glass early or outdoors in open weather; transplant in the autumn and it will be in condition for use the following spring. Protect liberally with long manure during the winter.

**Victoria.** This is the best sort. Stalks are long and a cherry red. Good cooker. Pkt. 5c., 15c. per oz.,  $\frac{1}{4}$  lb. 45c., \$1.50 per lb.

**RHUBARB ROOTS**

*Ready in April and September*

**Large Clumps.** 10c. each (by mail 15c.), per doz. \$1.00, \$6.00 per 100.

**Extra Large Clumps.** Used extensively for forcing. 20c. each (not mailable), per doz. \$2.00, \$3.75 per 25, per 100 \$13.50.

**RUTA BAGA**

**Private Stock.** Purple top; yellow. Pkt. 5c., per oz. 15c., 30c. per  $\frac{1}{4}$  lb., per lb. \$1.00.

**Improved.** Purple top; yellow. Pkt. 5c., 10c. per oz., per  $\frac{1}{4}$  lb. 20c., 50c. per lb.



A Bunch of Rhubarb

**ROSEMARY**

This makes an attractive border plant, used principally for various medicinal purposes. 5c. per pkt., per  $\frac{1}{2}$  oz. 15c., 30c. per oz.

**SAFFRON**

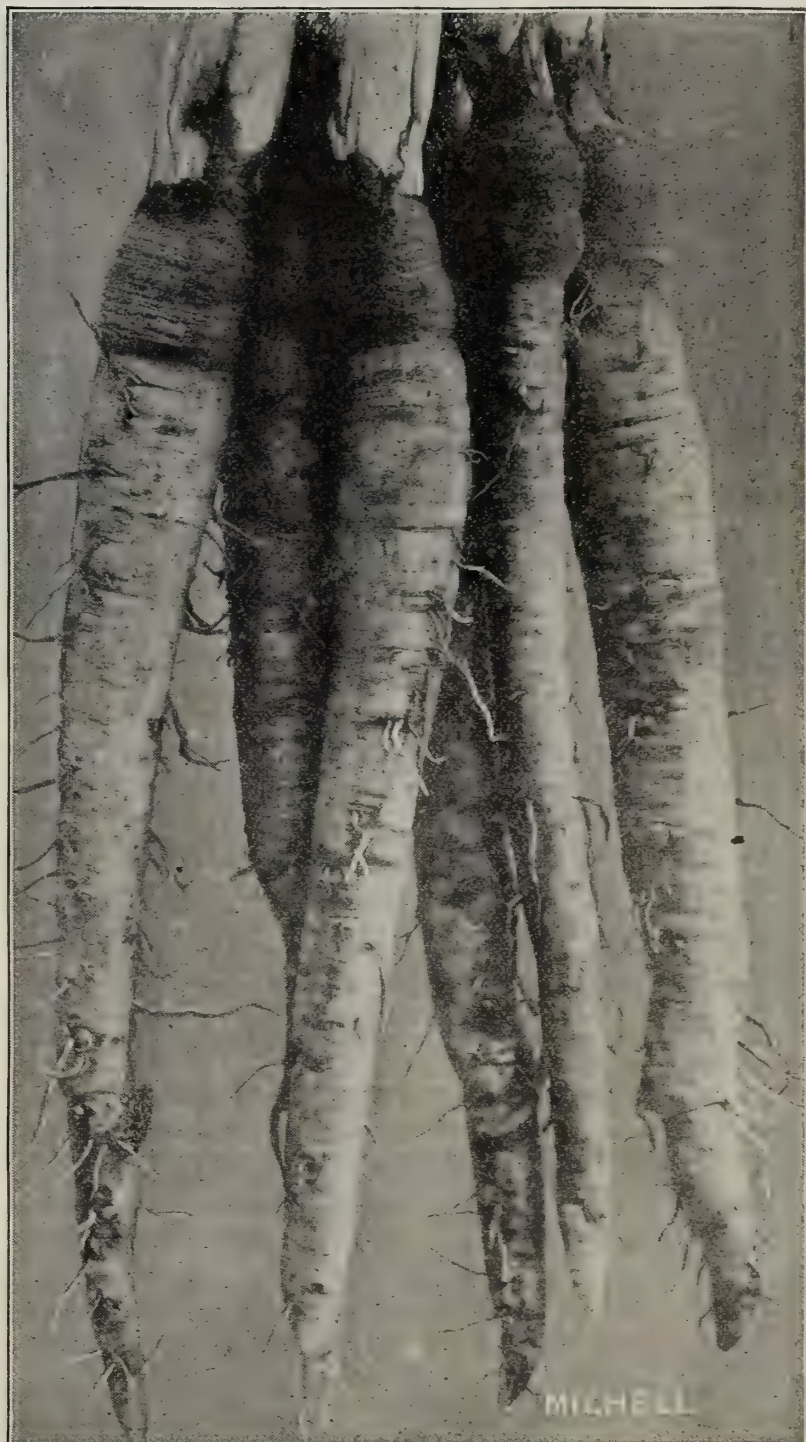
Used principally in making medicines and for coloring matter. 5c. per pkt., per oz. 10c.

**SAGE**

Mammoth leaved variety, used in gravies, stews and also for medicinal purposes. 5c. per pkt., per  $\frac{1}{2}$  oz. 10c., 15c. per oz.

**SAGE PLANTS**

**Holt's Mammoth.** Large plants. 10c. each, per doz. \$1.00.



Mammoth Sandwich Island Salsify

**Haferwurzel (Ger.) SALSIFY (OYSTER PLANT) Salsifis (Fr.)**

One ounce of seed will sow about 50 feet of drill. 10 lbs. per acre

Sow in early spring, in drills fifteen inches apart and one to two inches deep, thin to three inches apart. Soil should be very deep and mellow, in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

**Mammoth Sandwich Island.** This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Long White.** The favorite market variety and best flavored. Pkt. 5c., oz., 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

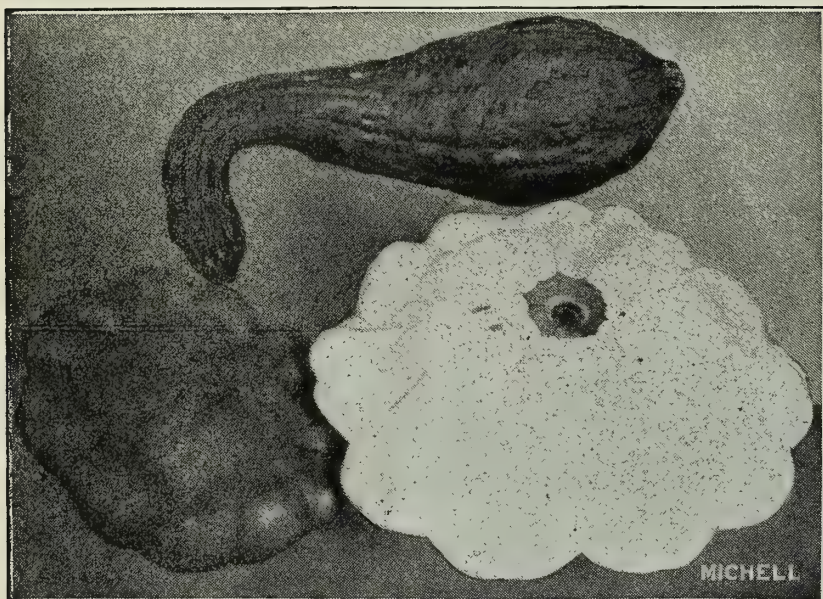


**SAVORY** (Summer)

A popular kitchen herb used in flavoring, etc. Pkt. 5c., 10c. per ½ oz., per oz. 15c.

**SORREL** (French Broad Leaved)

A desirable greens for salad ; resembles sour grass in flavor. Pkt. 5c., 10c. per ½ oz., per oz. 15c., 30c. per ¼ lb., per lb. \$1.00.



Speise Kurbis (Ger.)

**SQUASH**

Cource (Fr.)

One ounce will plant fifty hills ; bush varieties four to six lbs. are required for an acre, running varieties three to four lbs.

Squashes should be planted in a warm, light, rich soil when the ground has become thoroughly warm. Plant in well-manured hills in the same manner as cucumbers and melons—the bush varieties three or four feet apart each way, and the running kind six to eight feet. Eight to ten seeds should be sown in each hill, thinning out after danger from bugs is over, leaving three or four of the strongest plants to a hill.

**EARLY VARIETIES**

**Golden Custard.** This variety in shape and quality is very much like the old-fashioned Patty Pan sort. It grows in bush form, but is a light yellow color. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., \$1.00 per lb.

**White Bush (Mammoth).** Color pure white ; very fleshy and of fine flavor ; matures very early and is a great producer, continuing until killed by frost. Our strain of this is the latest selection in shape, size and quality. Pkt. 5c., 10c. per oz., per ¼ lb. 35c., \$1.00 per lb.

**Yellow Summer Crook Neck.** Outer skin very rough and of a light orange-yellow color. Quality is very desirable and constitutes our most popular early summer squash. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., 80c. per lb.

**SUMMER AND WINTER VARIETIES**

**Boston Marrow.** An excellent sort for cooking, being very much in substance like delicious sweet potatoes ; very sweet ; big cropper. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., 90c. per lb.

**Fordhook.** A medium early type, flesh yellow and sweet, oblong in shape, large producer. Pkt. 5c., 10c. per oz., per ¼ lb. 25c., 80c. per lb.

**Delicious.** One of the best winter keeping varieties ; in shape and appearance it is similar to Hubbard, but its flavor is most delicious, hence its name. Pkt. 5c., 15c. per oz., per ¼ lb. 35c., \$1.25 per lb.

**Golden Hubbard.** More of this variety is used than all of the other winter squashes combined. Color a deep yellow ; very meaty and sweet ; excellent for table or pie use. Pkt. 5c., 15c. per oz., per ¼ lb. 35c., \$1.25 per lb.

**Vegetable Marrow.** A long yellow variety ; fine for cooking ; very sweet. Pkt. 5c., 10c. per oz., per ¼ lb. 35c., \$1.00 per lb.

**TESTIMONIAL ON MICHELL'S SEEDS**

Silver Springs, Md.

Henry F. Michell Co.

Gentlemen:—Just a few lines to thank you for your promptness in filling our seed order. I certainly appreciate Michell's Seeds because they are always so true and reliable. All the seeds we bought last year came from your house, and everything came up and matured. I think if more people used your seeds and bulbs there would be more success and less disappointments. Respectfully,

W. H. MORRIS.



Victoria Long Standing Spinach

Spinat (Ger.)

**SPINACH**

Epinard (Fr.)

One ounce to 75 feet of drill, or 12 lbs. of seed per acre in drills.

Select very rich, well-drained soil, and sow in drills one foot apart and one inch deep. For spring and summer use, make the first sowing early in March and continue at intervals of two or three weeks until the middle of July. Sow in August and September for winter or early spring use, and protect with a covering of straw during severe weather.

**Belgian Evergreen.** Curled leaf long-standing type. Excellent for summer. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 50c. per lb.

**Bloomsdale Round-Seeded Savoy.** The hardiest Savoy leaved ; curled and crimped, thick, fleshy leaves ; the best for early spring and fall sowing. Oz. 5c., 15c. per ¼ lb., per lb. 40c., \$1.75 for 5 lbs., 10 lbs. \$3.00.

**Bloomsdale (Improved Strain).** We offer in this an extra good type, very uniform and an exceedingly good yielder. Pkt. 5c., 10c. per oz., ¼ lb. 20c., 50c. per lb., 5 lbs. \$2.00.

**Long Season.** This variety is evidently a cross between the old reliable Bloomsdale and the Victoria. It produces tremendously large plants and leaves which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled, and are tender. Color, a beautiful dark green. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 50c. per lb., 5 lbs. for \$2.25.

**New Zealand.** This variety endures heat and drought ; excellent for summer use ; the leaves are very large and thick. It is an enormous yielder. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., \$1.00 per lb.

**Victoria Long Standing.** This thick variety is distinguished by the exceedingly dark green color, and also for its long-standing qualities, especially valuable for summer use. Oz. 5c., 15c. per ¼ lb., per lb. 40c., \$1.75 for 5 lbs., 10 lbs. \$3.00.

**SWEET BASIL**

A valuable herb for flavoring various dishes. Pkt. 5c., 10c. per ½ oz., per oz. 15c.

**SWEET MARJORAM**

**Imported Strain.** Used in the kitchen for flavoring. Pkt. 5c., 10c. per ½ oz., per oz. 15c.

**American Strain.** This variety is a much larger type and an improvement on the above. Pkt. 10c., 15c. per ½ oz., per oz. 30c.

**SWISS CHARD**

**Giant Lucullus.** Pkt. 5c., 15c. per oz., ¼ lb. 35c., \$1.00 per lb.

**Silver Leaved.** Pkt. 5c., 10c. per oz., ¼ lb. 20c., 60c. per lb.

For a complete list of Vegetable Plants see page 42.



# New Extra Early Tomato, Michell's "Crackerjack"

OUR INTRODUCTION FOR 1911



*A single cluster of nine Tomatoes ripe at one time*

**The Finest Garden Tomato ever offered to the public. The first important result of our many trials at MICHELL'S "EVERGREEN" SEED GARDENS, AT TORRESDALE, PA.**

Its "distinctive" qualities are so numerous that space will not permit us to describe all. Here are some:

1. **The earliest Tomato** to ripen in Pennsylvania. Fully two weeks earlier than any other sort tried in our gardens.
2. **A continuous bearer**, producing fruits right up till frost time.
3. **The most abundant producer** of any tomato we know.
4. **An absolutely smooth fruit**, colored equally alike in all parts.
5. **Never cracks**, except when overripe and left on vine.
6. **All fruit is of even size**, and every fruit can be used.
7. **Grows in clusters** from 5 to 10 perfect tomatoes.
8. **Fruit is of medium size** and of a brilliant rich scarlet.
9. **Fruit when cut** discloses solid meat and little space for seed.
10. **Its flavor is very agreeable** and it cannot help to become an immediate favorite with everybody.
11. **The firm flesh** makes it an ideal shipper.
12. **Altogether a "Crackerjack"** for either the home garden or the truck farm.

We highly recommend this variety for forcing under glass.

## READ OUR PRIZE OFFER

Per packet 20c. 50c. for 3 packets, ½ oz. 60c., \$1.00 per oz., 4 ozs. \$3.50.

Extra strong pot-grown plants (*Ready in May*). Each 10c., 75c. per doz.

## Prize Offer

To popularize

**Michell's New Extra Early Tomato "Crackerjack."**

We offer **three distinctive prizes** to be competed for by those who grow this novelty this year from seed purchased of us.

To make the competition absolutely fair we request that those wishing to compete should register with us at the time the seed is purchased, also that the envelope which contained the seed should be submitted to us at the time the fruit is exhibited.

**Prize No. 1** (*Five Dollars*) for the first ripe specimen of fruit delivered at our office.

**Prize No. 2** (*Three Dollars*) for the cluster having the greatest number of fruit. This holds good for the entire season. The cluster in each instance must be submitted to us at our office in perfect condition.

**Prize No. 3** (*Two Dollars*) for the largest and most perfect single specimen submitted to us during the season.

All awards will be made November 1, 1911 and announced in our Catalogue for 1912.



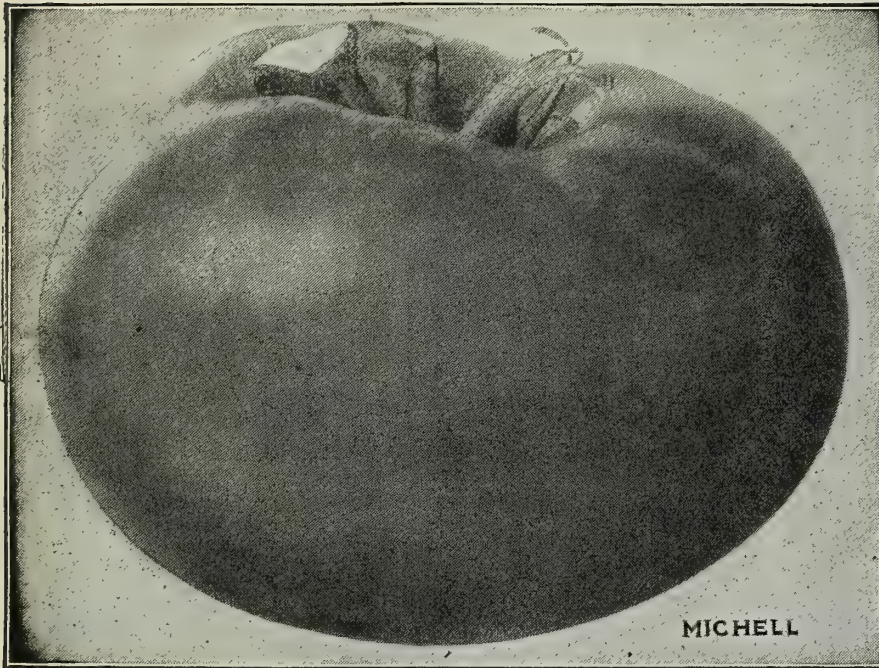
Liebes Apfel (Ger.)

## TOMATO

Tomate (Fr.)

One ounce will produce about 3,500 plants; one-quarter pound will transplant an acre

Sow in boxes or hotbeds during February and March, transplant to the open ground when it has become sufficiently warm. Set in rows three or four feet apart each way. If you desire extra early tomatoes sow the seed in pots in January and let develop until large enough to plant outside.



Michell's Private Stock Stone Tomato

## EARLY VARIETIES

**Acme.** An early, medium-sized pink variety. Pkt. 5c., 15c. per ½ oz., 25c. per oz., per ¼ lb. 75c., \$2.75 per lb.

**Atlantic Prize (Early Ruby).** Very early type, but not evenly formed. Color, bright red. Pkt. 5c. and 10c., 15c. per ½ oz., per oz. 25c., 75c. per ¼ lb., per lb. \$2.50.

**Beauty.** One of the largest bright red tomatoes, solid and meaty, quite early. Pkt. 5c. and 10c., 20c. per oz., per ¼ lb., 75c., \$2.75 per lb.

**Bonny Best.** One of the best and most prolific of early tomatoes. The size is not so large but it is very solid and evenly formed. Color a beautiful bright red. Pkt. 10c., 20c. per ½ oz., oz. 40c., \$1.50 per ¼ lb.

**Earliana (Spark's).** The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and most desirable. Pkt. 10c., 15c. per ½ oz., per oz. 30c., \$1.00 per ¼ lb., per lb. \$3.50.

**Early Jewel (Chalk's).** A favorite variety with the market gardener. Color, a bright red; solid and a good shipper. Pkt. 10c., 20c. per ½ oz., per oz. 35c., \$1.00 per ¼ lb., per lb. \$3.50.

**June Pink.** One of the recent introductions in tomatoes. In habit it is very much like Earliana, but a beautiful pink color instead of red. 10c. pkt., per ½ oz. 20c., 35c. per oz., per ¼ lb. \$1.25, \$4.25 per lb.

**Michell's Very First.** We have never seen a tomato which developed so rapidly as this one. Frequently the tomatoes will weigh fourteen to sixteen ounces each. It is a heavy producer of handsome fruits which are all well shaped and of a bright red color. Pkt. 20c., 50c. for 3 pkts., per oz. 60c., \$2.00 per ¼ lb.

**Best of All.** We offer this in original packets only, as sent out by Sutton & Sons, of Reading, England, as the home-grown seed cannot be depended upon to give satisfactory results. Color, bright red; medium sized; produced in clusters, with very few seeds; particularly adapted for forcing. In original sealed packets, 50c. each.

**Comet.** A wonderful variety for forcing or outdoor planting. Color, a rich red; wonderfully solid and fleshy; a great yielder; comes quite early outdoors; has very few seeds. Pkt. 15c., 50c. per ½ oz., oz. 80c.

## LATE AND GENERAL CROP VARIETIES

**Dwarf Champion.** A distinct type; very dwarf and compact; color of fruit, bright red; an abundant yielder. Pkt. 10c., 15c. per ½ oz., per oz. 30c., \$1.00 per ¼ lb., per lb. \$3.25.

**Dwarf Stone.** A dwarf compact growing plant, yielding a large crop of medium-sized very solid tomatoes. Color, bright red. A good kind for early use. Pkt. 10c., 20c. per ½ oz., per oz. 35c., \$1.00 per ¼ lb., per lb. \$3.25.

**Eclipse.** Particularly designed for forcing; very similar to "Best of All." We offer it for the same reasons only in original sealed packets. Pkt. 50c.

**Favorite.** A very large, handsome type, used extensively by private gardeners; color a handsome red; very solid, general crop variety. Pkt. 5c. and 10c., 20c. per oz., per ¼ lb. 65c., \$2.25 per lb.

**Livingston's Globe.** Introduced in later years, this is a handsome variety, especially adapted to slicing; very solid; color a handsome red, and a great producer; one of the best general crop varieties. Pkt. 10c., 40c. per oz., per ¼ lb. \$1.25.

**Lorillard.** This variety may be used for outdoor culture as well as for forcing. The fruits are medium size and are very abundant. Color, a bright glossy red; very solid. Pkt. 10c., 15c. per ½ oz., per oz. 30c., \$1.00 per ¼ lb.

**Paragon.** Very solid and good color; heavy producer; fine for putting in cans for winter use. Pkt. 5c. and 10c., 20c. per oz., per ¼ lb. 65c., \$2.25 per lb.

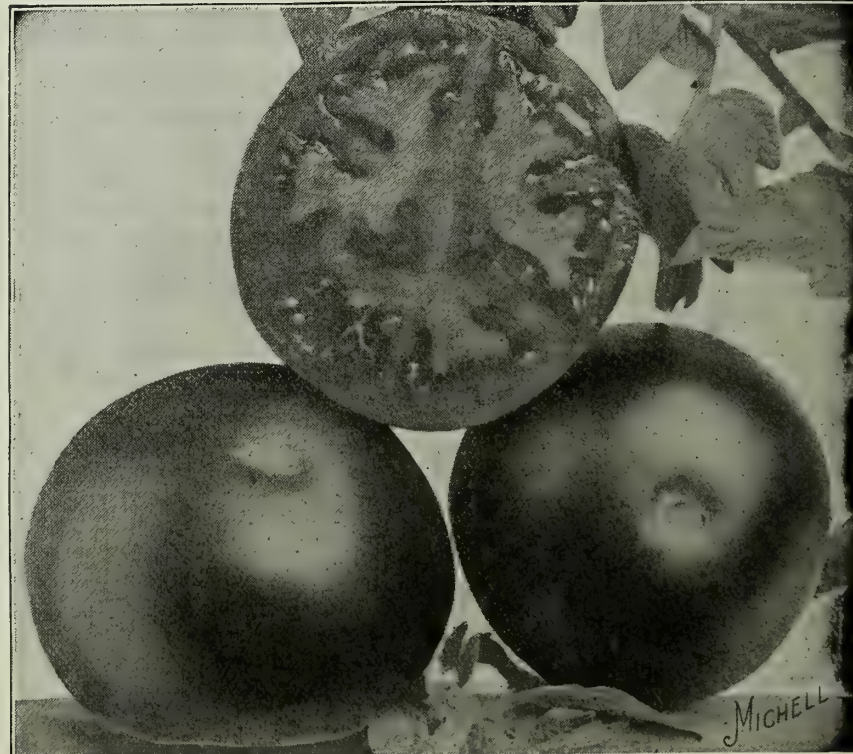
**Ponderosa.** The largest tomato in existence; a beautiful red color; heavy producer; early and of even form. A vast improvement over Mikado and Magnus, the foliage being of that type. Pkt. 10c., 15c. per ½ oz., per oz. 30c., \$1.10 per ¼ lb., per lb. \$4.00.

**Stone (Michell's Private Stock).** A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. It will pay to plant this strain. Pkt. 10c., 20c. per ½ oz., per oz. 40c., \$1.25 per ¼ lb., per lb. \$4.00.

**Stone.** The most reliable general crop tomato grown; produces an abundant crop of large meaty tomatoes. Color a bright scarlet. Pkt. 5c. and 10c., 15c. per ½ oz., per oz. 30c., 85c. per ¼ lb., per lb. \$3.00.

## OTHER VARIETIES

	Pkt.	½ oz.	1 oz.	¼ lb.	Lb.
<b>Golden Queen.</b> Large yellow fruit.	\$0.10	\$0.15	\$0.30	\$1.00	\$3.25
<b>Matchless.</b> Large red, general crop	.05	.15	.25	.85	2.75
<b>Perfection.</b> Large red, general crop	.05	.10	.20	.65	2.25
<b>Red Cherry.</b> For preserving	.05	.15	.25	.75	2.50
<b>Trophy.</b> Very large fruit	.05	.15	.25	.65	2.25
<b>Yellow Pear or Plum.</b> For preserving	.05	.15	.25	.85	2.75
<b>Strawberries or Husk.</b> For preserving	.05	.15	.25	.85	2.75



Michell's Very First Tomato, showing its wonderful solidity

## TOMATO PLANTS (Ready in May)

**Hotbed Grown.** 20c. per doz., per 100 \$1.25, \$7.50 per 1000.

**Pot Grown.** Extra strong selected. 50c. per doz., per 100 \$4.00.



## TARRAGON

This does not produce seed, but we offer choice plants. These are hardy if given plenty of protection in winter. Do not plant them in an exposed place. Extra large clumps, 20c. each (by mail 30c.), per doz. \$2.00, \$15.00 per 100.

## THYME (English Broad Leaved)

This is almost an indispensable herb; once planted it remains permanent for years. Pkt. 5c. and 10c., 20c. per ½ oz., per oz. 40c.

## THYME PLANTS

Large clumps of the above variety for those who want immediate results. 10c. each (by mail 15c.), per doz. \$1.00, \$7.00 per 100.

## TOBACCO SEED

	Pkt.	½ oz.	Oz.
Connecticut . . . . .	\$0.10	\$0.15	\$0.25
Havana . . . . .	.10	.20	.40
Pennsylvania . . . . .	.10	.15	.25

Special price on larger quantities

## TURNIP AND RUTA BAGA

Herbst Rüben (Ger.) Navet (Fr.)

One ounce of seed for 100 feet drill; two lbs. per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills fourteen inches apart. Ruta Bagas thirty inches. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly so the roots can develop. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and Ruta Bagas from the middle of June to the fifteenth of July.

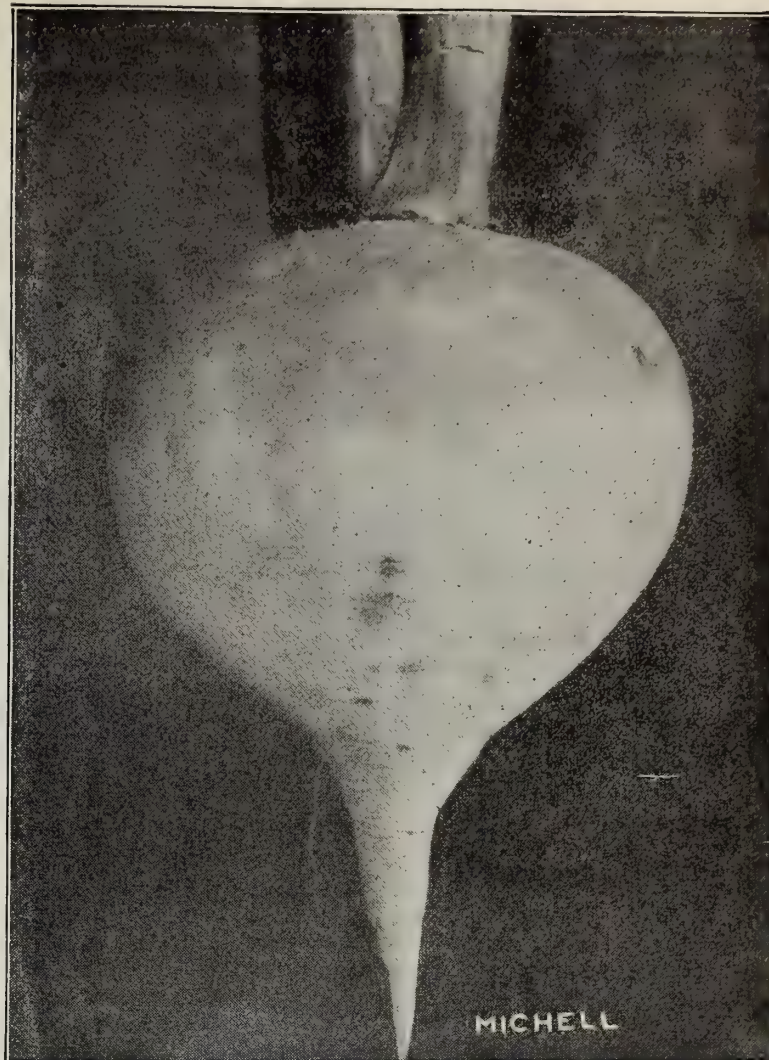


Michell's Private Strain Ruta Baga

## RUTA BAGA

**Private Stock Purple Top Yellow.** This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 5c. and 10c., 15c. per oz., per ¼ lb. 30c., \$1.00 per lb., 5 lbs. for \$4.00.

**Improved Purple Top Yellow.** This variety is the same color as the above, except the shape is more oblong. It is very desirable for stock feeding. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 50c. per lb., 5 lbs. for \$2.25.



Private Strain Improved Purple Top White Globe Turnip

## TURNIP

**Aberdeen.** A flat yellow variety, a good winter keeper. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

**Cow Horn.** A long white variety used for soiling and stock feeding. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 60c.

**Early Purple Top Munich.** A flat variety, very early, white flesh. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

**Early White Flat Dutch.** A good variety for early spring sowing, matures quickly. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

**Early Purple Top Flat.** The most popular variety in cultivation, a large yielder, well flavored. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

**Purple Top White Globe.** A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

**Purple Top White Globe.** (*Private stock.*) This is a careful selection of the above variety, especially adapted for private gardens. Pkt. 5c. and 10c., 15c. per oz., per ¼ lb. 35c., 50c. per ½ lb., per lb. \$1.00.

**Robertson's Golden Ball.** A globular-shaped sort, with deep yellow flesh. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

**Snowball.** A pure white globe variety, very early. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

**White Egg.** A small egg-shaped variety, good for early sowing. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

**White Milan.** A handsome flat sort, grand for very early use, sweet and tender. Pkt. 5c., 10c. per oz., per ¼ lb. 25c., 80c. per lb.

**Yellow Globe or Amber.** Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

## WORMWOOD

A medicinal herb of great value. Perfectly hardy with slight protection. Pkt. 5c. and 10c., 15c. per ½ oz., per oz. 25c.



# MICHELL'S SUPERIOR VEGETABLE PLANTS

We are pleased to announce that all plants offered under this heading are grown by ourselves at "Michell's Evergreen" Seed Gardens, Torresdale, Pa., and are much stronger specimen than what is regularly offered on the market.

<b>ARTICHOKE</b> ( <i>Ready in April</i> )			
	Doz.	100	
<b>Green Globe.</b> Seedlings .....	\$1.50	\$10.00	
" " 3-year-old, imported .....	2.50	18.00	

<b>BRUSSEL SPROUTS</b> ( <i>Ready in July</i> )			
	Per 25	100	1000
Strong plants .....	\$0.20	\$0.50	\$0.65

<b>CABBAGE PLANTS</b>			
	Per 100	1000	
<b>Early Sorts</b> ( <i>Ready April 1</i> ), from hotbeds.....	\$0.40	\$3.00	
" " " " " " cold frames... ..	.75	6.00	
<b>Late Sorts</b> ( <i>Ready July 1</i> ) .....	.40	2.50	

<b>CAULIFLOWER</b> ( <i>Ready in April</i> )			
	Per Doz.	100	
From hotbeds .....	\$0.20	\$1.25	
Wintered over from cold frames .....	.40	2.00	
Pot-grown .....	.50	4.00	

<b>CELERY</b> ( <i>Ready July 1</i> )			
	Per 100	500	1000
Transplanted plants .....	\$0.40	\$1.90	\$3.75

<b>CHIVES</b> ( <i>Ready April 1</i> )			
	Each	Doz.	100
Large Clumps .....	\$0.10	\$1.00	\$7.00

<b>EGG PLANTS</b> ( <i>Ready May 15</i> )			
<b>New York Improved.</b> Potgrown.....	\$0.50	\$4.00	

<b>LETTUCE PLANTS</b> ( <i>Ready at all seasons</i> )			
	Per 100	1000	
Best heading varieties .....	\$0.40	\$3.00	

## HERBS—SEEDS

To facilitate the prompt selection of herbs we have repeated them here, hoping our friends will approve of our endeavor to make ordering a pleasure. Full descriptions of each will be found among the general list of Vegetables.

	—Pkt.—	Oz.	¼ Lb.
<b>Anise</b> .....	\$0.05	\$0.10	\$0.35
<b>Balm</b> .....	\$0.05	.10	.30
<b>Borage</b> .....	.05	.10	.35
<b>Caraway</b> .....	.05	.10	.35

	—Pkt.—	½ Oz.	Oz.	¼ Lb.
<b>Catnip</b> .....	\$0.10	\$0.25	\$0.50	
<b>Chervil</b> .....	\$0.05	.10	.15	.50
<b>Coriander</b> .....	.05		.10	.35
<b>Dill</b> .....	.05		.10	.25
<b>Fennel</b> .....	.05		.10	.30
<b>Horehound</b> .....	.05	.15	.25	
<b>Lavender</b> .....	.05	.10	.20	
<b>Mint</b> .....	.25			
<b>Pot Marigold</b> .....	.05	.10	.15	
<b>Rosemary</b> .....	.05	.15	.30	
<b>Saffron</b> .....	.05		.10	
<b>Sage</b> .....	.05	.10	.15	
<b>Savory</b> (Summer) .....	.05	.10	.15	
<b>Sorrel</b> .....	.05	.10	.15	.30
<b>Sweet Basil</b> .....	.05	.10	.15	
<b>Sweet Marjoram</b> .....	.05	.10	.15	
<b>Thyme</b> (English Broad Leaved).....	.05	.10	.15	.30
<b>Wormwood</b> .....	.05	.10	.15	.25

## MINT (*Ready April 1*)

	Each	Doz	100
Strong divisions .....	\$0.10	\$1.00	\$6.00

## PARSLEY PLANTS (*Ready in April*)

Pot-grown .....	\$0.50	\$4.00	
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## PEPPER PLANTS (*Ready in May*)

Pot-grown Plants .....	.50	4.00	
Hotbed-grown .....	.20	1.25	

## SAGE PLANTS (*Ready in April*)

	Each	Doz.	
Strong field-grown .....	\$0.10	\$1.00	

## SWEET POTATO PLANTS (*Ready in May*)

	Per 100	200	1000	5000
<b>Yellow Bush</b> (Vineless) .....	\$0.60	\$1.25	\$4.00	
<b>Yellow and Red Nansemond</b> .....	.40	2.50	\$10.00	

## TOMATO PLANTS (*Ready in May*)

	Doz.	100	1000
Hotbed-grown .....	\$0.20	\$1.25	\$7.50
Pot-grown .....	.50	3.00	
New "Cracker Jack," pot-grown .....	.75	6.00	

## TARRAGON (*Ready in April*)

	Each	Doz.	100
Extra Large Clumps .....	\$0.20	\$2.00	\$15.00

## THYME PLANTS (*Ready in April*)

Extra large field-grown plants .....	.10	1.00	1.00
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## FOR THE VEGETABLE GARDEN

you will find an application of **MICHELL'S POUDRETTE** very desirable at planting time. It helps produce large crops of handsome produce. 100 lbs., \$1.50; \$2.50 per 200 lbs.; 600 lbs., \$6.00; \$8.00 per 1000 lbs.; 2000 lbs., \$15.00.



Michell's New Extra Early Tomato, "Cracker Jack"



## CHOICE PEDIGREED FIELD CORN FOR SEED

Our field corn is all grown in the west (with but few exceptions). From there come the finest strains procurable. That which we offer is all pedigree stock and will be found of unusual quality. The seed is all naturally dried, thus insuring perfect germination. We do not attempt to compete with the low-priced corns offered as ours is all hand picked and perfect in every respect. The ears are all carefully tipped and butted before being shelled. **Plant 10 quarts per acre in hills, or three bushels per acre broadcast.**



*Prices subject to Market Changes.*



*Note the Uniformity of the Ears of Our Pedigreed Golden Beauty Corn*

*Note how Uniform Tip and Section of Ear Runs*

**Chester County Mammoth.** The ears are gigantic; the grain, very deep and light yellow in color. It is a heavy yielder and does well on strong ground. A late maturer, thus not suitable further north than Pennsylvania. Qt., 15c.; 35c. for 4 qts.; pk., 60c.; \$2.00 per bu.

**Cloud's Yellow Dent.** This corn does well on good ground. The grain is very deep and light yellow in color. It is a gourd-seeded variety and a tall grower; matures early. Qt., 15c.; 40c. for 4 qts.; pk., 65c.; \$2.25 per bu.

**Early Canada or Flint. 8-Rowed.** A variety which matures in 90 days. Grain is a deep orange-yellow and very small and hard. Used principally for replanting. Qt., 15c.; 35c. for 4 qts.; pk., 60c.; \$2.00 per bu.



*A Field of Our Virginia Ensilage Corn. Note the sturdy growth and great height*

*Prices on Field Corn  
subject to market changes*

**Golden Beauty.** This is a large, broad-grained sort; the kernel is deep yellow; the fodder is very tall; matures late. Qt., 15c.; 35c. for 4 qts.; pk., 75c.; \$2.00 per bu.

**Hickory King.** The leading white-grained ensilage corn; grain very broad. Qt., 15c.; 35c. for 4 qts.; pk., 60c.; \$2.00 per bu.

**Leaming Early Dent.** The ears are large and deep-grained; color a deep yellow; generally produces two ears to a stalk. Qt. 15c.; 35c. for 4 qts.; pk., 60c.; \$2.00 per bu.

**Red Cob Ensilage.** A gigantic variety, growing 12 feet and more; grain, white; cob, red. Qt., 10c.; 30c. for 4 qts.; pk., 50c.; \$1.75 per bu.

**Sweet Fodder Corn.** This is used principally for sowing broadcast as a green summer food. Qt., 10c.; 30c. for 4 qts.; pk., 60c.; \$2.00 per bu.

**Virginia Ensilage.** Grain, broad and white; fodder, 12 to 14 feet. Qt., 10c.; 30c. for 4 qts.; pk., 60c.; \$2.00 per bu.

**100-Day Bristol.** The ears are very large, canary yellow. Qt., 15c.; 35c. for 4 qts.; pk., 60c.; \$2.00 per bu.

**Giant Beauty.** Extra large ear of golden yellow, used for fodder; 14 feet. Pedigreed stock. Qt., 15c.; 35c. per 4 qts.; peck, 65c.; \$2.25 bu.

*Prices on Field Corn subject to Market Changes*





**PRICES ON CLOVER SEED SUBJECT  
TO MARKET CHANGES**

*A field of our Utah Alfalfa Seed on the farm of Mrs. Benj. W. Richards, Hammonton, N. J.*

## FANCY RECLEANED CLOVER SEEDS

In clovers we do not attempt to offer low-priced seed. These are usually adulterated and otherwise spurious. We aim to supply one quality, and that is the best obtainable. Our farm seed trade doubles almost every year, a fact which forces us to conclude that it pays to offer only the best.

**Alfalfa (Utah Grown Seed).** This grade of Alfalfa is far superior to the ordinary western grade. It is more vigorous in growth, and the seed has greater vitality. Sow  $\frac{1}{2}$  bushel per acre in May or during August and early September, top dress it with manure every fall, and it will rarely winter kill. It can be cut usually three times in one season. 25c. per lb., per pk. \$3.50, \$13.50 per bu. Ask for our New Pamphlet on Alfalfa, mailed free.

### TESTIMONIAL ON MICHELL'S UTAH ALFALFA

*The Alfalfa I bought of you was sown on Sept. 4th. By Sept. 9th it was showing above the ground and to-day, the 24th, I have a stand three inches high. I am simply amazed at the good quality of the seed.*

*Elk Ridge, Md.*

**DR. W. R. EARECKSON.**

**Alsike or Swedish Clover.** The hardiest clover in cultivation. Particularly valuable when sown for mingling with other hay crops. One sowing lasts many years. Sow 10 lbs. per acre alone or 6 lbs. where sown with other crops. Sow from April to June. Height, 1 to 3 feet. Price, 22c. per lb., per pk. \$2.50, \$10.00 per bu.

**Bokhara Clover.** A tall, quick growing variety, principally used for providing food for bees. Sow early in April; 15 lbs. per acre. Height, 3 to 5 feet. Price, 30c. per lb., per 10 lbs. \$2.50.

**Crimson Clover (Delaware grown).** Far superior to imported. The latter is not well able to withstand the winter. Used principally for soiling or green manuring, is also relished by cattle when they become accustomed to it. Sow 20 lbs. per acre, any time from May until middle of October. Price, 15c. per lb., per pk. \$2.00, \$8.00 per bu.

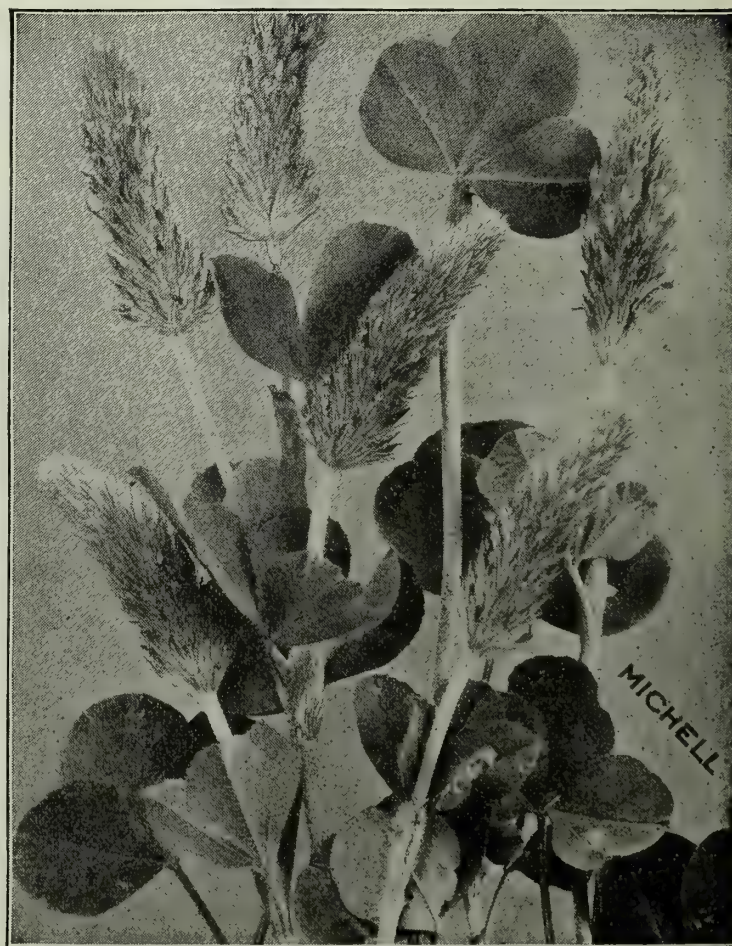
**Japan Clover.** A low, growing variety resembling white clover. It is hardy in every particular. Used principally for forage and green manuring. Sow 30 lbs. per acre. 30c. per lb., 10 lbs. \$2.75, \$13.25 per bu.

**Red Clover (Medium).** Principally sown for hay purposes on timothy fields early in the spring. Sow 20 lbs. per acre if alone or 15 lbs. where other grass or hay crops are standing, from March 15th to May 1st. Height, about 18 in. to 2 ft. Price, 20c. per lb., per pk. \$2.50, \$10.00 per bu.

**Mammoth Red Clover (Pea Vine Clover).** Also called English Cow Grass. This sort is very similar to the above, excepting that it grows somewhat larger and remains established longer. Sow from March 15th to May 1st; 15 lbs. per acre if sown alone or 10 lbs. if sown with another hay or grass crop. Price, 20c. per lb., per pk. \$2.50, \$10.00 per bu.

**White Dutch or Lawn Clover (Fancy Recleaned).** For use on pasture lands it is extremely valuable. Sow 10 to 12 lbs. per acre on land seeded with grass or other grain from April 1st to September 1st. 12c. per  $\frac{1}{4}$  lb.,  $\frac{1}{2}$  lb. 22c., 40c. per lb., 5 lbs. \$1.90, \$3.70 for 10 lbs., per bu. \$19.20, \$32.00 per 100 lbs.

**PRICES ON ALL FARM SEEDS SUBJECT TO MARKET CHANGES**



*Michell's Fancy Delaware Grown Crimson Clover*

### NITRO-CULTURE (For Inoculating Clovers)

Nitro-Culture is a bacterial preparation with which the clovers may be successfully treated. Price, trial pkg. 50c., \$1.50 per acre pkg., 5 acre pkg. \$5.00. Always state for what crop desired. (Send for Descriptive Circular.)



# CHOICE FARM SEEDS

All Prices Subject to Market Changes

## BUCKWHEAT

**Japanese.** This sort is somewhat earlier than the Silver Hull and will yield a greater amount of seed per acre. It is very valuable as a poultry food, also for feeding to game birds in districts where natural food is scarce.

Sow from June 1st to July at the rate of one bushel (48 lbs.) per acre broadcast. Price: 15c. per qt.; per pk., 40c.; \$1.25 per bu.

**Silver Hull.** Some growers prefer this to the above variety, claiming it will do well in most any climate, especially on poor soil. The grain is of a silvery-gray color and is smaller than the Japanese. Price: 15c. per qt.; per pk., 50c.; \$1.50 per bu.



## BEANS (Early Soja)

These will be found a most excellent crop for growing on poor, worn-out soils. It is a tremendous fodder yielder and is relished by all cattle, sheep and hogs. Sow in May and June one-half bushel per acre in drills 2½ feet apart. Price: 15c. per qt.; pk., 75c.; \$2.75 per bu.

## BROOM CORN

**Early Evergreen.** The fodder grows to be 6 to 7 feet high, producing an elegant brush of fine, straight quality. Sow 10 to 12 qts. per acre in May and June. Price: 15c. per qt.; 4 qts., 45c.; 70c. per pk.; \$2.25 per bu.

## BARLEY

**Manshury (Six-Rowed).** Sow from June to July at the rate of 2 to 2½ bu. per acre broadcast (48 lbs.) Price: 15c. per qt.; pk., 50c.; \$1.75 per bu.

## MILLET

Millet is a most excellent emergency crop where hay has proved a failure. It may be sown as late as July 20th with good results.

**German or Golden (Tennessee).** This makes fine hay, producing large, heavy heads of seed. It grows about 4 feet in height, coming in a little later than the Hungarian. Sow one bu. (48 lbs.) to the acre any time during spring after April 10th to July 20th. Price: 15c. per qt.; per pk., 50c.; \$1.70 per bu.

**Hungarian.** The quality of hay produced here is somewhat coarser in texture than from the above sort; height 2 to 3 feet. Sow one bu. (48 lbs.) per acre at the same periods as above. Price: 15c. per qt.; per pk., 40c.; \$1.50 per bu.

**Japanese Barnyard.** This is best of all the millets, growing from 6 to 8 feet high, producing fodder of finest quality. Sow from May 10th to June 10th, 12 lbs. per acre. Cows are particularly fond of this and it will be found a very valuable food on every dairy farm. Price: 10c. lb.; 10 lbs., 80c.; \$7.00 per 100 lbs.

**NOTE.**—Common Millet is offered and sold by many dealers as German Millet. The seed bears sufficient resemblance to German Millet to deceive inexperienced purchasers, and to make the prices asked by other houses for the true German Millet seem unreasonable. Do not buy German Millet without the full assurance that it is Tennessee or southern-grown seed.



A Head of Japanese Millet



Fancy Welcome Seed Oats

## FANCY SEED OATS

Our business in Seed Oats is unusually large; the quality we send out is usually superior to what is ordinarily sold. While always sold at the legal weight of 32 lbs. per bushel these Seed Oats would average 39 to 40 lbs. if measured. Sow from May 1st to June 1st, three bushels per acre. Seed Oats are also used sown with Canada Peas, thus producing an excellent green food. We offer the two best varieties.

**Welcome.** 15c. per qt.; pk., 35c.; \$1.20 per bu.

**Clydesdale.** 15c. per qt.; pk., 35c.; \$1.20 per bu.

Special Price in Large Quantities

## COTTON SEED

**Sea Island.** Sown principally in the north as a novelty. The variety offered here is the best suited for commercial purposes wherever it is grown in this way. Pkt., 5c.; 8c. per ¼ lb.; lb., 20c.; 75c. for 5 lbs.

## FLAX SEED

Sow 1½ bu. per acre from May 15th to June 15th. Price: 15c. per qt.; per pk., 75c.; \$2.75 per bu. (56 lbs.).

## KAFFIR CORN (White)

Used principally for feeding pigeons, poultry, etc. The fodder may also be fed green or dry to the dairy cows and other cattle. Sow from June to July; 10 lbs. per acre in drills. It grows from 4 to 5 feet high, and is a tremendous producer of seed. Price: 10c. per qt.; per pk., 40c.; \$1.35 per bu. (56 lbs.).

## A WORD ABOUT GOOD FARM SEEDS

It is frequently an objective point in buying an article to buy the lowest priced. In farm seeds this does not pay. The margins of profit are extremely small at their best, and no reputable merchant will ask higher prices than his costs warrant. However, do not look at price when buying farm seeds; look for quality. Results are what count, and these can be had from any farm seeds we sell.

In ordering Farm Seeds, always allow 22 Cents for each Two-Bushel Bag.



## FARM SEEDS—Continued

### CANADA FIELD PEAS

Excellent for fodder or for plowing under. Sow in March or April,  $2\frac{1}{2}$  to 3 bushels (60 lbs. per bushel) per acre, broadcast, harrowing them over several times so they may be thoroughly covered. They will be ready for cutting or turning under as green manure by June 10th. Price, 10c. per qt., per pk. 55c., \$2.00 per bu.

### COW PEAS

Cow peas are gradually becoming recognized as a necessary crop on every farm. They are most economically applied when used as a green manure. In other words, they are valuable as a soil restorer and nitrogen gatherer. The fodder is excellent when fed either green or dry, it being claimed to be more nutritious (and preferred by cattle) than hay. Sow from May 1st to July 1st, 2 bushels per acre, broadcast; in drills, 1 bushel.

**Black Eye (Southern).** A later maturing variety, producing long fodder. Price, 15c. per qt., per pk. 85c., \$3.00 per bu.

**Black.** An early variety, producing shorter fodder than the above sort. Price, 15c. per qt., per pk. 85c., \$3.00 per bu.

**Whip-poor-Will.** One of the quickest sorts to mature, growing upright; a heavy cropper and easy to harvest. Price, 15c. per qt., per pk. 85c., \$3.00 per bu.

**Wonderful, or Unknown.** A trailing variety; late but a tremendous producer. 15c. per qt., 85c. per pk., \$3.00 per bu.

NOTE.—Where Cow Peas are desired to be cut as fodder, the long varieties should be sown. For turning under, the short sorts will be found practical. For a large crop of Cow Peas, sow the seed as late as possible and not too thick.

### SUGAR CANE OR SORGHUM

**Early Amber.** This makes an elegant fodder, both in green and dry state, for horses and all cattle. The seed may also be fed to poultry and other birds. Sow 25 lbs. of seed per acre, from May to June, in drills or 2 bu. broadcast. Price, 15c. per qt., per pk. 65c., \$2.25 per bu. (48 lbs.).

### VETCHES OR TARES

These are grown very extensively in Europe for stock feeding in the form of fodder, or the seed when harvested may be fed to fowls. As a restorative crop it is of great value, furnishing humus to the soil when it is plowed under.

**Winter Vetches.** Sow in August and September,  $\frac{1}{2}$  bushel per acre, broadcast. They may be harvested or plowed under several weeks earlier than Crimson Clover the following spring and the ground used for other crops. Price, 12c. per lb., 10 lbs. for \$1.10, \$6 per bu. (60 lbs.), 100 lbs. \$9.00.

**Spring Vetches.** Used similar to the above variety, requiring, however, a larger quantity per acre for sowing. Sow in May or June, 1 to 2 bushels broadcast or  $\frac{3}{4}$  to 1 bushel in drills. Price, 10c. per lb., 10 lbs. 75c., \$3.25 per bu. (60 lbs.), per 100 lbs. \$5.00.



Timothy

### PRIME TIMOTHY SEED

We handle the very choicest re-cleaned brand of timothy on the market. We handle such large quantities that we are able to quote at the very lowest. Sow  $\frac{1}{2}$  bushel per acre alone or 6 qts. if sown with wheat (45 lbs. per bushel). Price, 12c. per lb. Write for special prices as the market changes constantly.

### WINTER WHEAT

We have in season all the choicest varieties, such as Fultz, Winter Fife, Dietz=Longberry, Fultzo=Mediterranean, etc. Price, 50c. per pk., per bu. \$1.75.

### SPRING WHEAT

**Saskatchewan Fife.** The best variety for flour making; tremendous yielder. Sow in April or May,  $1\frac{1}{2}$  to 2 bushels per acre. 15c. per qt., per peck 65c., \$2.50 per bu.

### PEANUT

**Georgia Improved.** This is the largest producing variety. Plant in May, in ordinary ground. Tremendous cropper, often producing 100 bushels per acre. Acts as a soil restorer. Sow 1 peck per acre, in rows. Price, 15c. per pt., per qt. 30c., \$1.00 per pk.

### RYE

**Spring.** The Spring Rye is entirely distinct from the Winter Rye. The grain is smaller and the yield is claimed to be larger. Elegant for sowing to be cut as green feed. Sow  $1\frac{1}{2}$  bushels per acre (56 lbs. per bushel), from May 1st to June 1st. Price, 10c. per qt., per pk. 50c., \$1.75 per bu.

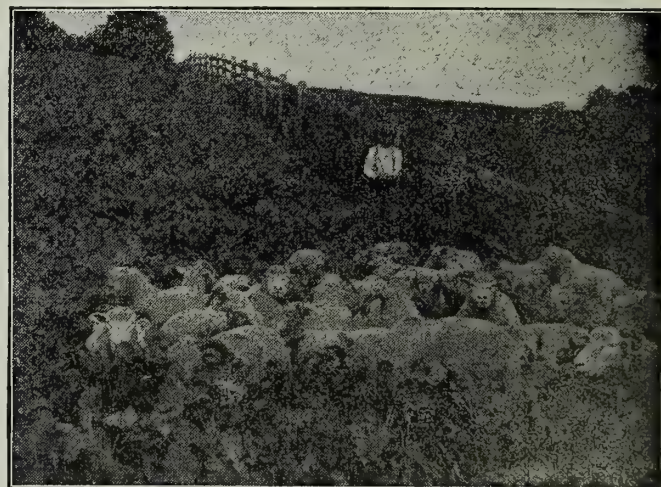
**Winter Rye.** 10c. qt., peck 40c., \$1.35 per bu.

### SPELTZ OR EMMER

The true name of this is Emmer, as Speltz is claimed to be distinct from the former. It looks like a hard wheat; makes an excellent substitute therefor, as either green feed or grain for feeding; is a great drought resister. Sow 2 bushels per acre. It often yields 50 bushels per acre. 15c. per qt. peck 50c., \$1.75 per bu.

### RAPE

**Dwarf Essex.** One of our most valuable forage plants, when sown on a newly plowed field; used for feeding sheep and swine. Sown at the rate of 6 lbs. per acre, it will be ready to turn the animals into it by the end of 60 days. May be sown from April 1st to October 1st. Price, 10c. per lb., 10 lbs. 90c., \$7.00 per 100 lbs.



A Field of Essex Rape, with Sheep Feeding





## GRASS SEED HEADQUARTERS

### MIXTURES FOR LAWNS AND PLEASURE GROUNDS

**Michell's "Green Velvet" Grass Seed.** This mixture represents the finest and purest lawn grass mixture offered by anyone. Practically every grain of chaff is eliminated in forming it, and our customers will find it the greatest lawn grass mixture value ever offered, as it will form a thick sward in two weeks during ordinary weather. Peck, \$1.25; \$5.00 per bu. of 20 lbs., 5 bush. \$23.75; \$45.00 per 10 bush.

**Michell's Evergreen Lawn Grass Seed.** The BEST LAWN GRASS SEED that exists for general use. Thousands of bushels sold annually; used by all the large estate managers, country clubs and cemetery superintendents. Sow 4 bushels per acre on new lawn, or 2½ bushels in reseeding old lawns. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., pk. \$1.00, bu. of 20 lbs. \$4.00, 5 bu. \$18.75, \$36.50 per 10 bu.

**Michell's Shaded Lawn Grass Seed.** Difficulty is frequently experienced in establishing a lawn where shade and other trees exist. This has been entirely overcome by the introduction of this formula. Those who have used it cannot get along without it for seeding shaded locations. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 75c., \$1.25 per pk., per bush. of 20 lbs. \$5.00, \$22.50 for 5 bush., 10 bush. \$42.50.

**Fairmount Park Lawn Seed.** A very fine mixture indeed, meeting the requirements of those desiring a moderately-priced grass seed. Sow 4 bushels to the acre on new land or 2½ bushels on old ground. Prices: Per qt. 20c. (postpaid 25c.), 35c. for 2 qts. (postpaid 45c.), 4 qts. 50c., 75c. per pk., per bush. of 15 lbs. \$2.75, \$13.00 for 5 bush., 10 bush. \$25.00

**Michell's Seashore Formula Grass Seed.** The salt atmosphere plays havoc with the seashore lawn. This formula contains such grasses only as thrive best in salt air regions. Sow 4 bushels to the acre on new ground or 2½ bushels for reseeding old lawns. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. for \$18.75, \$36.50 for 10 bush.

**Michell's Terrace or Embankment Grass Seed.** Sow 4 bushels per acre. Prices: Per qt. 25c. (postpaid 30c.), 40c. for 2 qts. (postpaid 50c.), 4 qts. 65c., \$1.00 per pk., per bush. of 20 lbs. \$4.00, 5 bush. \$18.75, \$36.50 for 10 bush.

**Michell's Golf Course Grass Seed.** Sow 5 bushels per acre. Prices: Per qt. 20c. (postpaid 25c.), 35c. for 2 qts. (postpaid 45c.), 4 qts. 50c., 85c. per pk., per bush. of 15 lbs. \$3.00, 5 bush. \$13.75, \$26.00 for 10 bush.

**Putting Greens Grass Seed.** This mixture is made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear.

	Qt.	4 Qts.	Peck	Bu.	5 Bu.
Michell's Formula	\$0.25	\$0.70	\$1.25	\$5.00	\$22.50
Travis'	.30	1.00	1.75	6.50	30.00

**Southern States Lawn Grass Seed.** Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt. (postpaid 25c.), 2 qts. 35c. (postpaid 45c.), 50c. for 4 qts., pk. 85c., \$3.00 per bush., 5 bush \$13.75.

**Special Sod Grass Seed.** A quick growing mixture, making a very tough and heavy sod in a short time; especially valuable for cemeteries, tennis courts, pleasure grounds, etc. 15 lbs. per bush. Prices: 25c. per qt. (postpaid 30c.), 2 qts. 40c. (postpaid 50c.), 75c. for 4 qts., pk. \$1.00, \$3.50 per bush., 5 bush. \$16.75, \$32.50 for 10 bush.

**NOTE—All grass mixtures except Putting Greens and Golf Course contain white clover. Any of them, however, can be furnished without this.**





**W**E make a specialty of supplying **Golf and Country Clubs** with special formulas of grass for all purposes and conditions.

### MICHELL'S GOLF COURSE GRASS MIXTURE

Qt., 20c.; 50c. for 4 qts.; peck, 85c.; \$3.00 per bushel, 15 lbs.; 5 bushels, \$13.75.

#### A FEW OF THE CLUBS THAT USE MICHELL'S GRASS SEEDS

Belfield Country Club  
Bucks County Country Club  
Cape May Golf Club  
Delaware County Field Club  
Des Moines Country Club

Euclid Club  
Huntingdon Valley Country Club  
Lansdowne Country Club  
Merchantville Field Club  
Merion Cricket Club

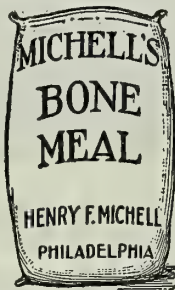
Old York Road Country Club  
Overbrook Golf Club  
Philadelphia Country Club  
Philadelphia Cricket Club  
Philmont Country Club

Richmond Country Club  
St. Davids Golf Club  
West Brook Country Club  
West Chester Golf and Country Club, Pa.  
White Marsh Valley Country Club

## Special Fertilizers for Lawn, Field and Golf Course Use

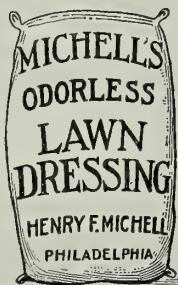


**Ashes. Canadian Hard Wood.** Apply 1000 lbs. per acre. Our ashes are double screened and of exceptional quality. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs. 60c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200-lb. barrel; 1000 lbs., \$11.00; \$22.00 per ton.



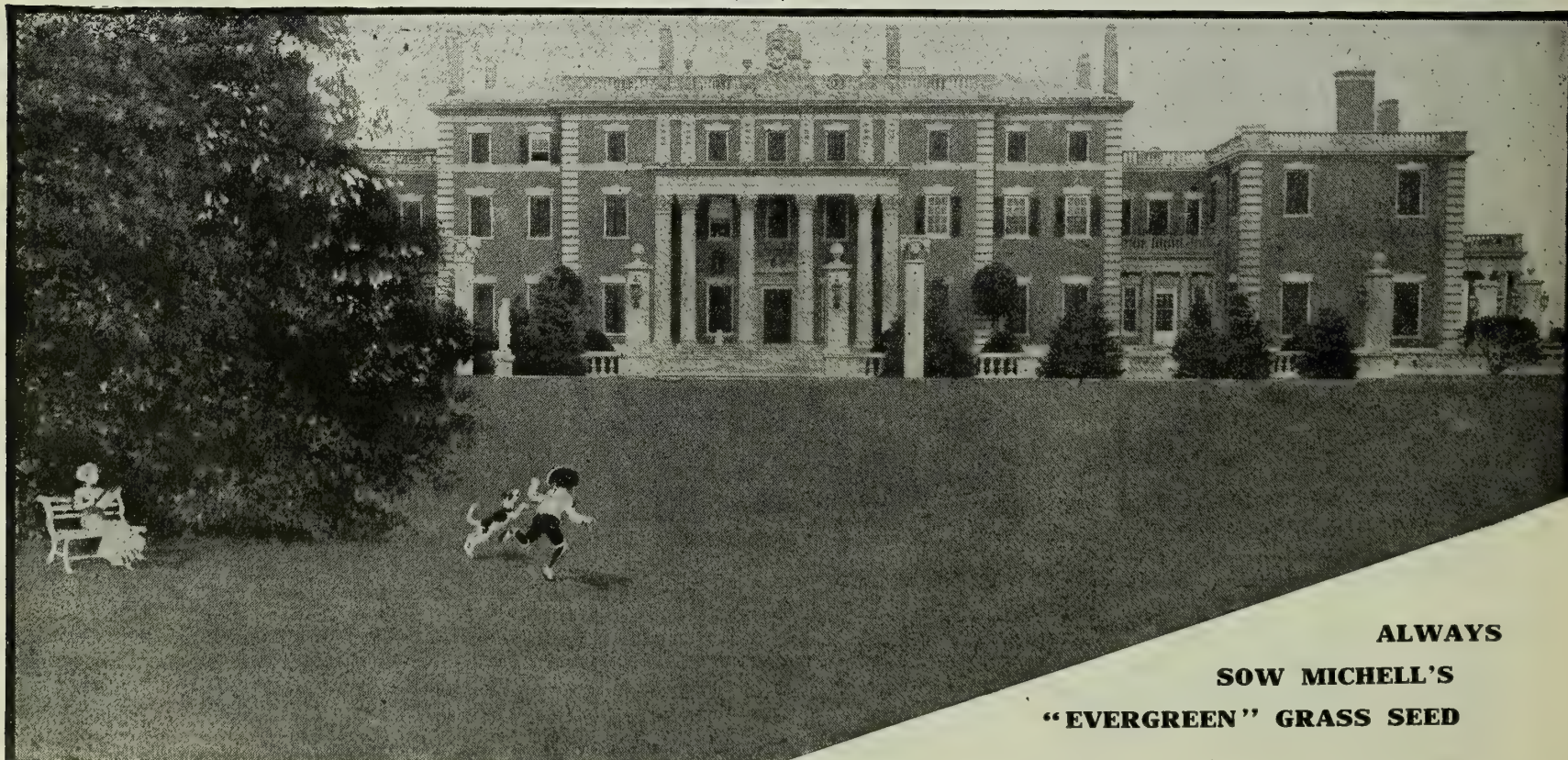
**Bone Meal (Michell's Strictly Pure).** Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. 3 lbs. 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$32.00 per ton.

**Bone (Coarse Ground).** Supplied at the same price as Bone Meal.



**Lawn Dressing (Michell's Odorless).** Insures a quick growth on any impoverished piece of ground, pleasant to apply and absolutely odorless. Apply 500 to 600 lbs. per acre. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; per ton, \$30.00.



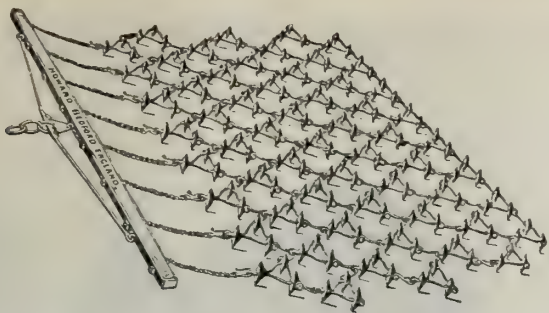
**ALWAYS**

**SOW MICHELL'S**

**"EVERGREEN" GRASS SEED**

**MICHELL'S EVERGREEN GRASS SEED** universally known and always sown. 25c. qt.; 4 qts. 65c.; \$1.00 per peck; bushel, 20 lbs., \$4.00; \$18.75 per 5 bushel; 10 bushel, \$36.50.





### SCOTCH CHAIN GRASS HARROW

Positively the very best harrow to be had for putting the ground (where a lawn or pasture land is to be established) in the finest possible condition. Wherever a large or important undertaking of lawn or field work is in progress, this harrow should be employed. Very good also for dragging over roads and drives for the purpose of smoothing same. Made entirely of steel; never wears out.

No. 1—For 1 horse, 5 x 6 feet . . . . .	\$16.50
No. 2—For 2- " 6 x 7 1/4 " . . . . .	22.50
No. 3—For 2- " 9 x 11 " . . . . .	29.00

### WHEELBARROW GRASS SEEDERS



These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground which is an important feature, preventing the seed from blowing away and thus coming up unevenly. Price (14 feet sowing area), \$7.00; 16 feet sowing area, \$8.00.



**MICHELL'S  
PERMANENT  
PASTURE GRASS  
SEED**  
20¢ per qt., peck  
75¢, \$2.75 per  
bushel, 15 lbs.

## GRASS SEED HEADQUARTERS

### GRASS MIXTURES FOR FIELDS

**Michell's Permanent Pasture Grass Seed.** A composition of varieties of grasses. A single seeding lasts for years; may be used as a pasture one season, the next as a hay crop. Sow 50 lbs. per acre on new land or 30 lbs. on old lands. 15 lbs. per bush. Prices: Per qt., 20c. (postpaid 25c.), 50c. for 4 qts., per pk., 75c., \$2.75 per bush., 5 bush., \$13.00, \$25.00 for 10 bush., 50 bush., \$112.50.

**Michell's Hay Field Grass Seed.** A thoroughly reliable mixture of seed suitable for hay. When sown and established this grass will stand for years with an occasional seeding of a small amount to make up for any worn-out spots. Sow 50 lbs. per acre (15 lbs. per bush.). Prices: 20c. per qt. (postpaid 25c.), 4 qts. for 50c., 75c. per pk., per bu., \$2.75, \$13.00 for 5 bush., 10 bush. for \$25.00, \$112.50 for 50 bush.

### WHITE CLOVER

Choicest re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.) Price, 40c. per lb.; 5 lbs., \$1.90; \$3.70 for 10 lbs.; bu., \$19.20; \$32.00 per 100 lbs.





**MICHELL'S  
"HAY FIELD"  
GRASS SEEDS**

PER QT. 20¢ POSTPAID 25¢  
PER 4 QT. 50¢  
PER PECK 75¢  
PER BUSHEL \$2.75  
5 BUSHELS \$13.25  
10 BUSHELS \$25.00

## GRASS SEEDS IN SEPARATE VARIETIES

PRICES SUBJECT TO MARKET CHANGES.

**Awnless Brome** (*Bromus Inermis*). Sow 40 lbs. per acre. (Bu. 14 lbs.) Price, 15c. per lb., per bu. \$2.00, \$12.50 per 100 lbs.

**Blue Grass, Fancy Kentucky** (*Poa Pratensis*). Our stock of this is extra fine, thoroughly re-cleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields. (Bu., 14 lbs.) Price, 25c. per qt., per lb. 35c., \$1.00 per peck, per bu. \$4.00, \$27.00 per 100 lbs.

**Blue Grass, Canadian** (*Poa Compressa*). Makes an ideal pasture highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed. (Bu., 14 lbs.) 25c. per lb., bu. \$2.75, \$19.00 per 100 lbs.

**Creeping Bent** (*Agrostis Stolonifera*). Adapted admirably for lawns also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.). 30c. per lb., bu. \$5.75, 100 lbs. \$27.50.

**Crested Dogstail** (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.). Price, 45c. per lb., per bu. \$8.25, \$37.50 per 100 lbs.

**English, or Perennial Rye Grass** (*Lolium Perenne*). (Pacey's *Fancy Short Seeded*.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.). Price, 12c. per lb., per bu. \$2.25, \$9.00 per 100 lbs.

**French Rye Grass**, also called Tall Meadow Oats. (*Avena Elaloir*.) This is extensively used and highly recommended for the Southern States. (Bu., 10 lbs.) 30c. lb., bu. \$2.50, \$22.00 per 100 lbs.

**Fine Leaved Sheep's Fescue** (*Festuca Tenuifolia*). This grass is especially valuable for dry soils; sow 30 lbs. to the acre. (Bu., 14 lbs.) 45c. per lb., bu. \$5.50, \$35.00 per 100 lbs.

**Herd or Red Top Fancy Re-cleaned**. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.). Price, 25c. per lb., per bu. \$6.50, \$19.00 per 100 lbs.

**Herd or Red Top Unhulled** (*Agrostis Vulgaris*). Sow 4 to 5 bu. per acre on lawns or 3 bu. on pasture lands (10 lbs. per bu.). Price, 18c. per lb., per bu. \$1.50, \$12.50 per 100 lbs.

**Hard Fescue** (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc., will resist droughts. Sow 3 bu. per acre (12 lbs. per bu.). 30c. per lb., bu. \$3.25, \$25.00 per 100 lbs.

**Italian Rye** (*Lolium Italicum*). Very desirable for pasture; being an annual, it comes to maturity the first season. Sow 50 lbs. per acre (18 lbs. per bu.). Price, 12c per lb., per bu. \$1.80, \$9.00 per 100 lbs.

**Meadow Fescue** (*Festuca Pratensis*). Sow 40 to 50 lbs. per acre (22 lbs. per bu.). Price, 35c. per lb., per bu. \$6.60, \$29.00 per 100 lbs.

**Natural Green**. Sow 4 bu. per acre (14 lbs. per bu.). 20c. per lb., per bu. \$2.00, \$12.00 per 100 lbs.

**Orchard Grass** (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 30c. per lb., per bu. \$3.00, \$22.00 per 100 lbs.

**Red or Creeping Fescue** (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places. (14 lbs. per bu.). Price, 35c. per lb., per bu. \$4.00, \$27.50 per 100 lbs.

**Rhode Island Bent** (*Agrostis Canina*). For sowing at seashore resorts, on putting greens, tennis courts, etc., 40 lbs. per acre (14 lbs. per bu.). 35c. per lb., per bu. \$4.25, \$27.50 per 100 lbs.

**Sheep's Fescue** (*Festuca Ovina*). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 35c. per lb., per bu. \$3.75, \$25.00 per 100 lbs.

**Sweet Vernal Annual**; (*Anthoxanthum Odoratum Puelli*). Sow 3 lbs. per acre with other grasses. Price, 25c. per lb., 5 lbs. \$1.00.

**Sweet Vernal Perennial**; (*Anthoxanthum Odoratum Real*). Price, 70c. per lb., 5 lbs. \$3.25.

**Timothy** (*Phleum Pratense*). Sow ½ bu. per acre alone. (45 lbs. per bu.). 12c. per lb. Price varies constantly, ask for quotations.

**Wood Meadow** (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (14 lbs. per bu.). Price, 70c. per lb., per bu. \$9.00, \$62.50 per 100 lbs.

Full description of all grasses listed here are given in a special circular entitled "Perfect Lawns"; mailed free for the asking.



# COMPLETE INDEX FOR MICHELL'S FLOWER SEEDS

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# MICHELL'S "DISTINCTIVE" FRESH TESTED FLOWER SEEDS

We present with this issue to our friends a new departure, viz: a classified list of flower seeds. This will not only enable our friends to make a prompt selection but also avoid many disappointments. We appreciate that a satisfied customer is of greater value to us than a disappointed one. It has always been our aim to give our customers the best service and the most correct information.

Our flowerseeds have a reputation for their *superior quality* and for the *excellent results* obtained by sowing them. It is our constant endeavor to supply only such *varieties and strains* that will give the best of satisfaction.

A *Complete Index for Flower Seeds* will be found on page 51. Please use numbers when ordering.

## HARDY ANNUALS AND BIENNIALS

All varieties under this heading may either be sown in the house from March till May or outdoors after danger from frost is over, as indicated with each variety. They will flower the same year. Annuals serve only for one season, while Biennials if protected with leaves during winter will revive and flower once more after which they die. Biennials may also be sown during mid-summer, when they will establish themselves and flower the following spring. In this class we find Pansies, English Daisies, Forget-Me-Nots, etc. Biennials which will not flower the first year from seed are classed by us among Perennials. Always refer to our *Complete Flower Seed Index* when in doubt.

**For Novelties, see pages 6 to 12. Please use numbers when ordering.**

### ABUTILON (Chinese Bell Flower)

Large Pkt. Pkt.

- 15 **Choice Mixed.** Used extensively for ornamental bedding in connection with Geraniums and Cannas; seed should be started in heat from January till March; foliage is of maple form and has variegated coloring; height, 3 feet.....\$0.40 \$0.10

**Achillea.** (See page 75)

**Aconitum, Monk's Head or Wolf's Bane.** (See page 75)

**Acroclinium, Everlasting Flower.** (See page 83)

**Adlumia, Mountain Fringe or Allegheny Vine.** (See page 81)

**Adonis, Vernalis.** (See page 75)

### AGERATUM (Floss Flower)

An excellent plant for edging or solid effects. For early bloom sow indoors from March till May; sown outdoors in May will flower in August. A continuous bloomer.

- 50 **Blue Perfection.** Large heads of deep blue flowers produced in abundance; 15 inches .....\$0.20 \$0.10
- 61 **Little Blue Star.** Exceedingly dwarf and pretty; plants densely covered with bright blue flowers; height, 5 inches ..... .50 .15
- 54 **Imperial Dwarf Blue.** A compact growing plant; height, 9 inches ..... .15 .05
- 56 **Imperial Dwarf White** ..... .15 .05
- 58 **Imperial Dwarf Mixed** ..... .15 .05
- 52 **Cope's Pet.** Azure blue, 6 inches ..... .20 .10
- 62 **Princess Victoria Louise.** Light blue, white eye ..... .30 .10
- 60 **Grandiflorum Album.** Extreme large flowers of purest white; height, 1 foot ..... .15 .10

### ADONIS (Flos Adonis or Pheasant's Eye)

Large Pkt. Pkt.

- 40 **Aestivalis.** Pretty fine cut foliage and dark crimson flowers; height, 1 foot .....\$0.15 \$0.05

**Ampelopsis, Boston or Japanese Ivy.** (See page 82)

**Anemone, Windflower.** (See page 75)



*Ageratum, Blue Perfection*

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.





*Dwarf Alyssum—Little Gem*

## ALYSSUM

One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in Rockeries or Vases.

- |  | Large Pkt. | Pkt.   |
|--|------------|--------|
| 71 <b>Little Gem.</b> Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches; oz. 50c. ....                               | \$0.15     | \$0.05 |
| 74 <b>Little Dorritt.</b> Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges; oz. 75c. .... | .20        | .05    |
| 70 <b>Carpet of Snow.</b> Flowers intensely all summer, pure white, 4 inches; oz. 50c. ....  | .15        | .05    |
| 73 <b>Sweet.</b> The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches; oz. 25c. ....                         | .15        | .05    |

**Perennial Alyssum.** (See page 75)

## AMARANTHUS

Highly decorative foliage plants, which are easily raised from seed, either by starting them early indoors or sown outdoors in May. Plants grow 3 feet high, have highly colored leaves and ornamental seed heads.

- |   | Large Pkt. | Pkt.   |
|---|------------|--------|
| 80 <b>Caudatus</b> ( <i>Love Lies Bleeding</i> ). Drooping crimson racemes ....                           | \$0.15     | \$0.05 |
| 86 <b>Sunrise.</b> Bronzy crimson foliage shading off to bright scarlet leaves toward top of stalks. .... | .30        | .10    |
| 88 <b>Tricolor Splendens</b> ( <i>Joseph's Coat</i> ). Leaved red, yellow and green ....                  | .20        | .05    |
| 90 <b>Mixed.</b> All sorts ....   | .15        | .05    |

**Aquilegia, Columbine.** (See page 75)

**Arabis, Rock Cress.** (See page 75)

## ARCTOTIS (African Daisy)

- |  |     |     |
|--|-----|-----|
| 150 <b>Grandis.</b> Bushy plants of creeping habit, produce dainty delicate lavender daisy-like flowers on slender long stems in the greatest profusion during the entire season. Toward evening the flowers close up and reopen in the morning; 2 feet .... | .20 | .10 |
|--|-----|-----|

**Arundo, Ornamental Grass.** (See page 83)

**Asparagus.** (See page 80 C)

**Asperula.** (See page 75)



*Giant Snapdragon (Antirrhinum)*

## ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. To have flowers early sow indoors from February till May, but even if sown outdoors in May it will flower profusely in September. If plants are properly protected during the winter they will revive during spring and throw up gigantic spikes of flowers during the summer.

### MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length dressed with giant flowers of the purest colors. Used extensively for forcing.

- |  | Large Pkt. | Pkt.   |
|--|------------|--------|
| 113 <b>Giant Pink</b> .....                                  | \$0.25     | \$0.10 |
| 114 " <b>Scarlet</b> .....                                   | .25        | .10    |
| 115 " <b>White</b> .....                                     | .25        | .10    |
| 116 " <b>Yellow</b> .....                                    | .25        | .10    |
| 117 " <b>Mixed.</b> All colors .....                         | .20        | .10    |
| 122 <b>Tall Mixed.</b> The popular Snapdragon; oz. 40c. .... | .15        | .05    |
| 124 <b>Imported Collection, 10 Tall Varieties.</b> .....     | .40        |        |

### SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem; very showy for garden or forcing.

- |   | Large Pkt. | Pkt.   |
|---|------------|--------|
| 111 <b>Daphne.</b> Carmine pink, white throat .....       | \$0.40     | \$0.15 |
| 110 <b>Firefly.</b> Bright scarlet .....                  | .20        | .10    |
| 119 <b>Golden Queen.</b> Golden yellow, giant flower .... | .20        | .10    |
| 120 <b>Queen of the North.</b> Of purest white .....      | .20        | .10    |

### DWARF ANTIRRHINUMS

Grow but 12 inches high and are most suitable for edges in the garden.

- |  | Large Pkt. | Pkt. |
|--|------------|------|
| 118 <b>Golden Sun.</b> Foliage yellow, flowers rosy white with crimson spots ..... | .40        | .15  |
| 112 <b>Dwarf Mixed.</b> All colors .....   | .20        | .05  |
| 123 <b>Imported Collection, 10 Dwarf Varieties.</b> .....                          | .40        |      |

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# MICHELL'S SUPERB ASTERS

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July till September this flower reigns supreme in the garden, not equalled by any other. For these obvious reasons we give, perhaps, more attention to these flowers than any other and are in position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. Many of the strains we offer are grown under our own supervision by specialists in this country, others are imported from most reliable sources. To have early flowers sow the seed in the house from March till May; otherwise sow outdoors after danger from frost has passed.



*New Crego Aster*

## ASTERS

To do well, require a well pulverized soil, always kept open by continuous cultivation. If soil is heavy and mostly composed of clay, it is well to mix sand with it.

## NEW CREGO ASTER

Our illustration can do but partial justice to this grand flower. The twisted and curled petals give the flower the appearance of a huge flat chrysanthemum. The flowers are the largest of any Aster we know of; often measure 5 inches in diameter. The strong erect stems average 20 to 24 inches in length. Though the flowers are large they are produced in abundance.

Large Pkt. Pkt.  
198 **Shell Pink**, oz.

\$3.00 .....\$0.50 \$0.15

199 **White**, oz.

\$3.00 ..... .50 .15

## MANY IMPORTANT NOVELTIES

Of flowers are offered on pages 6 to 12, inclusive.

### 251 NEW ASTER, LADY ROOSEVELT

We can truthfully claim that this is the finest of all Asters. The flowers resemble huge incurved Chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The robust plants produce stout stems invariably 40 inches long, crowned with gigantic flowers. The seed we offer is selected from original specimen and then re-cleaned; so it must give absolute satisfaction. Large pkt., 65c.; pkg., 25c.

### EARLY WONDER ASTER

Indeed the earliest of all Asters. The form is that of "Giant Comet" type; the flowers are large and very double; stems average 18 inches.

	Oz.	Large Pkt.	Pkt.
228 <b>White</b> .....	\$3.00	\$0.50	\$0.10
227 <b>Pink</b> .....	3.00	.50	.10

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



## MICHELL'S IMPROVED SEMPLER'S BRANCHING ASTER

This is the finest late Aster we can recommend. The deep, heavy incurved flowers are borne on rigid stems often 2 feet and more in length. The colors are superb and can be used to advantage as a cut flower. What we offer is not the aster which is usually known by that name, but something much superior, as we are extremely critical in the selection of specimen for seedling. During the past season we have received numerous testimonials on the strength of the quality of this aster.

	Oz.	Large Pkt.	Pkt.
262 White .....	\$1.50	\$0.40	\$0.10
259 Shell Pink .....	1.50	.40	.10
257 Lavender .....	1.50	.40	.10
258 Rose Pink .....	1.50	.40	.10
260 Purple .....	1.50	.40	.10
261 Crimson .....	1.50	.40	.10
263 Chioce Mixed .....	1.50	.40	.10
264 Our Collection (one packet each of above 6 colors) .....			.50

## MICHELL'S INVINCIBLE ASTER

Healthy, robust plants of branching growth, produce, on 2 foot long stems, massive pæony formed flowers, which are always perfectly double. They begin to flower quite early in summer and remain perfect until checked by frost.

	Oz.	Large Pkt.	Pkt.
239 White .....	\$2.25	\$0.40	\$0.10
238 Rose Pink .....	2.25	.40	.10
237 Lavender .....	2.25	.40	.10
235 Blue .....	2.25	.40	.10
236 Crimson .....	2.25	.40	.10
239a. Mixed. All colors .....	2.25	.40	.10
248 Our Collection (one Packet each of above 5 colors)...			.40

## ASTER, QUEEN OF THE MARKET (Extra Early)

Very desirable on account of its earliness and the freedom in which it flowers. Well formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Oz.	Large Pkt.	Pkt.
279 White .....	\$1.00	\$0.25	\$0.10
277 Blush Pink .....	1.00	.25	.10
274 Rose Pink .....	1.00	.25	.10
276 Light Blue .....	1.00	.25	.10
275 Dark Blue .....	1.00	.25	.10
278 Crimson .....	1.00	.25	.10
280 Choice Mixed .....	1.00	.25	.10
273 Our Collection (one packet each of above 6 colors)...			.50
281 Imported Collection of 8 Colors .....			.60

## EARLY BRANCHING ASTER

Of the same form and habit as "Michell's Improved Sempler's Branching," but fully two weeks earlier.

	Oz.	Large Pkt.	Pkt.
217 Pure White .....	\$2.00	\$0.40	\$0.10
216 Rose Pink .....	2.00	.40	.10



Aster—Michell's Improved Sempler's Branching

## CARLSON IMPROVED ASTER

A beautiful flower for the mid-summer season. Perfect, well formed, large flowers are carried erect on stout straight stems 18 inches long; fine for cutting or garden effect.

	Oz.	Large Pkt.	Pkt.
178 White .....	\$2.00	\$0.40	\$0.10
176 Pink .....	2.00	.40	.10
174 Lavender .....	2.00	.40	.10
177 Dark Pink .....	2.00	.40	.10
179 Choice Mixed .....	2.00	.40	.10
175 Our Collection (one packet each of above 4 colors).....			.30

## PAEONY-FLOWERED PRIZE ASTER (Truffaut's)

Perfectly shaped flowers, each petal regularly incurved to meet at the centre, carried straight on stems 18 inches high. Individual plants are very compact and therefore splendid for garden effect.

	Oz.	Large Pkt.	Pkt.
304 White .....	\$2.00	\$0.40	\$0.10
302 Pink .....	2.00	.40	.10
301 Light Blue .....	2.00	.40	.10
303 Purple Violet .....	2.00	.40	.10
300 Crimson .....	2.00	.40	.10
305 Choicest Mixed .....	2.00	.40	.10
307 Our Collection (one pkt. each of above 5 colors).....			.40
306 Imported Collection of 12 Colors .....			.75

## GIANT COMET ASTER

A flower of exquisite form, resembling Japanese Chrysanthemum; each long narrow petal is curled downward at the tips and resembles ostrich feathers. The centre petals are very fine and small and completely cover the disc.

	Oz.	Large Pkt.	Pkt.
194 White .....	\$2.00	\$0.40	\$0.10
192 Peach Blossom .....	2.00	.40	.10
193 Pink and White .....	2.00	.40	.10
190 Light Blue .....	2.00	.40	.10
189 Dark Blue .....	2.00	.40	.10
195 Choice Mixed .....	2.00	.40	.10
197 Our Collection (one pkt. each of above 5 colors).....			.40
196 Imported Collection of 12 Colors .....			.75

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



## IMPROVED VICTORIA ASTER

A compact upright growing plant with stout stems and deep, full flowers of large size; height, 18 inches.

	Oz	Large pkt.	Pkt.
324 White	\$2.50	\$0.40	\$0.10
321 Pink	2.50	.40	.10
320 Light Blue	2.50	.40	.10
322 Purple	2.50	.40	.10
323 Scarlet	2.50	.40	.10
325 Choice Mixed	2.50	.40	.10
319 Our Collection (one packet each of above 5 colors)			.40
326 Imported Collection of 8 Colors			.60

## ASTER DAYBREAK

A straight petaled but perfect formed flowers of great depth and carried on erect long stems seldom less than 18 inches; its main value is the colors, which are distinct.

205 **Pink.** The shade of delicate pink everybody likes. Oz. \$3.00, large pkt. 40c., pkt. 10c.

250 **Lavender.** Delicate shade. Oz. \$3.00, large pkt. 50c., pkt. 15c.

## ASTER, LAVENDER GEM

252 **Lavender.** Flowers resembling "Comet" type, very full and double; 2 feet. Oz. \$3.00, large pkt. 50c., pkt. 15c.

## ASTER, ROYAL PURPLE

299 A new variety of dwarf growth, flowers large, petals flat and incurved; color a rich shade of purple. Oz. \$2.00, large pkt. 40c., pkt. 10c.

## SNOWDRIFT ASTER

294 **Pure White.** An excellent early sort of the Ostrich Feather type, coming into bloom in July; bears a profusion of large, double, pure white flowers on long stems. Oz. \$3.00, large pkt. 50c., pkt. 15c.

## SUNRISE ASTER

292 A new variety of great merit; while the type is similar to Daybreak, the flower is distinct in that **each petal is perfectly quilled**, and flowers are more nearly round or ball-shaped; color, a **beautiful daybreak pink**. Large pkt. 50c., pkt. 25c.

## TRIUMPH ASTER

An excellent variety, resembling the Pæony-flowered Aster somewhat earlier, and dwarfer in growth; 1 foot. Large pkt. Pkt.

295 Scarlet	\$0.50	\$0.10
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## VICK'S BRANCHING ASTER

310 **White.** Bears large double pure white flowers on long stems; 2 feet; oz. \$1.75 .30 .10

## VIOLET KING ASTER

316 **Violet.** Of branching habit; long stems and large flowers; soft violet lilac. oz. \$2.00 .50 .10

## WHITE FLEECE ASTER

318 A new variety of the Comet type; flowers very large and double; pure white; oz. \$2.50 .50 .15

## CHINA OR GERMAN ASTER

180 **Mixed.** Mixture of all sorts and colors; oz. 60c. .20 .05

## HOHENZOLLERN ASTER

In form it resembles the Giant Comet but being again larger and having more feathery petals in centre.

	Oz.	Large pkt.	Pkt.
234 White	\$2.25	\$0.40	\$0.10
233 Pink	2.25	.40	.10
231 Dark Blue	2.25	.40	.10
232 Crimson	2.25	.40	.10
234 Choice Mixed	2.25	.40	.10
230 Our Collection (one packet each of above 4 colors)			.30

## SUNSET ASTER

293 The habit of the plant is the same as that of Daybreak; flowers globe-shaped, borne on long stems, and are of a **delicate shade of light pink** shading to deep rich pink at the centre. Oz. \$3.00, large pkt. 50c., pkt. 10c.

## EARLY HOHEN- ZOLLERN ASTER

These flowers fully two weeks earlier than the regular type and are of the same form.

	Large Pkt.	Pkt.
226 White	\$0.40	\$0.10
224 Pink	.40	.10
222 Bride (white, changing to rose)	.40	.10
221 Azure Blue	.40	.10
223 Crimson	.40	.10
226a Choice Mixed	.40	.10
225 Our Collection (one packet each of above 5 colors)		.40

## VICK'S MIKADO ASTER

Plants of unusual vigor and branching habit produce flowers of immense size with long narrow gracefully reflexed petals. A single plant usually has from 12 to 15 long, graceful stems with flowers 4½ to 6 inches in diameter.

	Large Pkt.	Pkt.
308 Exquisite Shell Pink	\$0.50	\$0.15
309 Purest White	.50	.15

## ASTER, CRIMSON KING

204 In form it resembles the late branching types;

flowers are extra large and double; color, rich crimson; fine for cutting .50 \$0.15

## MICHELL'S PURITY ASTER

270 **Giant White.** In form it is similar to "Daybreak" but the color being of the purest white. If you grow asters do not miss this gem; oz. \$2.50 \$0.40 \$0.10

## DWARF

## CHRYSANTHEMUM-FLOWERED ASTER

Excellent for borders or beds, and for pot culture; each plant bearing from 15 to 20 large double flowers; 1 foot.

210 Choice Mixed; oz. \$2.00	.40	.10
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## SINGLE FLOWERING ASTER

327 **Choice Mixed.** Very effective in beds or borders producing large, brilliant daisy-like flowers, on long stems; 18 inches; oz. 75c. .20 .10

## COLLECTIONS OF FLOWER SEEDS

Collection of Annuals. Containing 8 distinct sorts	....	\$0.35
Collection of Annuals. " 12 distinct sorts	....	.50
Collection of Annuals. " 18 distinct sorts	....	.75
Collection of Annuals. " 24 distinct sorts	....	1.00



Michell's Purity Aster



**Perennial Aster, Michaelmas Daisy.** (See page 75)

**Auricula.** (See page 75)

**Avena, Animated Oats.** (See page 83)

**Balloon Vine.** (See page 81)

**Balsam Apple, Momordica.** (See page 81)

### **BARTONIA AUREA**

Large pkt. Pkt.

- 443 A free blooming showy plant with large golden yellow flowers; thrives well in partial shade; 18 inches .....\$0.15 \$0.05

**Bean, Runner.** (See page 81)

**Bellis Perennis.** (See page 61)

**Boltonia, False Chamomile.** (See page 76)

### **BRACHYCOME IBERIDIFOLIA** (Swan River Daisy)

- 485 A profuse flowering annual with small blue flow- Large pkt. Pkt.  
ers resembling those of the Cineraria; 9 inches .20 .05

**Briza Maxima, Quaking Grass.** (See page 83)

**Bromus, Ornamental Grass.** (See page 83)

### **BROWALLIA**

One of our favorite bedding plants, producing beautiful flowers during the summer and autumn months; grows freely in any rich soil; blooms finely in the winter if sown in August; 18 inches. Seed may be started in the house from March till May. Large pkt. Pkt.

- 500 **Elata Coerulea.** Large sky-blue flowers.....\$0.20 \$0.05

- 502 **Speciosa Major.** A new large-flowering variety of the most brilliant ultramarine blue; especially desirable as a pot plant for winter and early spring flowering ..... .30 .10

### **BEGONIA** (Semperflorens Type)

The value of flowering Begonias as bedding plants has been fully established and the gorgeous effects they have produced have placed them in the front rank of bedding plants. Seeds sown in February or March under glass will produce nice plants for planting out in June. Large pkt. Pkt.

- 471 **Vernon.** Rich orange carmine flowers and bronzy-red foliage .....\$0.30 \$0.10  
455 **Anna Regina.** Rose-colored flowers ..... .65 .15  
459 **Erfordia.** Delicate pink, one of the choicest.... .40 .15  
463 **Queen of Carpet Bedder.** Of compact dwarf growth and in appearance the same as "Vernon" .40 .15  
473 **Zulu King.** Blood red flowers and dark red leaves and stem ..... .65 .15

### **BEGONIA GRACILIS**

This is undoubtedly the finest outdoor flowering Begonia; plants are literally covered with flowers; height, 1 foot.

- 458 **Gracilis Rosea.** Light pink .....\$0.40 \$0.15  
457 " **Luminosa.** Deep red ..... .50 .20  
456 " **Alba.** Pure white ..... .40 .15  
467 **Choice Mixed.** All sorts and varieties ..... .40 .10

### **BEGONIA REX HYBRIDS**

- 464 Beautiful formed leaves with colored marking; a popular house plant; choice mixed .....\$0.65 \$0.25

### **BEGONIA, TUBEROUS ROOTED**

These magnificent flowers are becoming very popular because they are of easy culture and are extremely showy; thrive best in semi-shady situations. Large pkt. Pkt.

- 461 **International Prize, Single.** The seed we offer is saved from the finest specimen and only the largest flowers ..... \$0.25  
469 **Single Choice Mixed** .....\$0.65 .15  
470 **Double Choice Mixed** ..... .25



*Balsam, White Perfection*

### **MICHELL'S "DISTINCTIVE" BALSAM**

(Lady Slipper)

These old-fashioned flowers have been much improved, and what we offer is a revelation to those who have never seen them. Give Balsams plenty of room and they will develop to immense plants with gorgeous flowers. They are of easiest possible culture and will surely succeed anywhere; height, 2 feet.

		Oz.	Large pkt.	Pkt.
425	<b>Camellia Flowered, Pink</b> .....	\$1.00	\$0.25	\$0.05
427	" " <b>Scarlet</b> .....	1.00	.25	.05
429	" " <b>White Perfection</b> ..	1.50	.30	.10
426	" " <b>Prince Bismarck.</b>			
	Rich salmon pink. 1.50	.30	.10	
431	" " <b>Choicest Mixed</b> ...	.75	.20	.10
432	" " <b>Fine Mixed</b> .....	.50	.15	.05
433	<b>Imported Collection of 6 Colors</b> .....			.30

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.





*Calendula—Pot Marigold*

### CALENDULA (Pot Marigold)

Few annuals are of easier culture; sown in May outdoors they are in bloom within six weeks after sowing and remain in bloom after everything has been killed by frost. They may also be successfully grown in pots indoors and are especially valuable for winter forcing.

	Oz.	Pkt.
526 <b>Meteor.</b> Large yellow striped with orange.....	\$0.25	\$0.05
527 <b>Orange King.</b> Rich dark orange .....	.25	.05
528 <b>Prince of Orange.</b> Dark orange striped.....	.25	.05
525 <b>Grandiflora.</b> Large double yellow .....	.25	.05
529 <b>Sulphurea.</b> Beautiful sulphur yellow .....	.25	.05

**Calceolaria.** (See page 80 C)

### CALLIOPSIS (Coreopsis)

Extreme free flowering plants beginning very early and continue until frost. The flowers are daisy-like, very showy and excellent for cutting. Height, about 2 feet.

	Oz.	Pkt.
535 <b>Golden Wave.</b> Large yellow flowers with dark brown centres .....	\$0.25	\$0.05
536 <b>Nigra Speciosa.</b> Rich crimson .....	.25	.05
537 <b>Choice Mixed.</b> All varieties and colors .....	.25	.05

**Canary Bird Flower.** (See page 81)

### CANNA (Indian Shoot)

Although they are generally planted from roots, they may be grown with comparative ease from seed. Scrape extreme edge of seed with a sharp filing iron and put seeds in wet moss over slight heat. Just as soon as they start they ought to be potted.

	Oz.	Pkt.
597 <b>Choice Mixed</b> .....	\$0.25	\$0.05

### CAMPANULA MEDIA (Canterbury Bell)

They are strictly biennials and require the following cultural directions: Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following June, after which they die. Their colors are so pure that gorgeous effects can be achieved with them.

		Large pkt.	Pkt.
543 <b>Single Blue</b> .....		\$0.15	\$0.05
544 " <b>Pink</b> .....		.15	.05
553 " <b>White</b> .....		.15	.05
550 " <b>Mixed</b> .....		.15	.05
551 <b>Double Mixed</b> .....		.20	.05

### CAMPANULA CALYCANTHEMA (Cup and Saucer)

Large pkt. Pkt.

They require the same treatment as above

545 <b>White</b> .....	\$0.30	\$0.10
588 <b>Pink</b> .....	.30	.10
586 <b>Blue</b> .....	.30	.10
546 <b>Mixed</b> .....	.25	.10



*Calliopsis*

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.





*Michell's Giant White Candytaft*

### CANDYTUFT (Iberis)

Splendid edging plants, flowering within six weeks after sowing; height, 1 foot. They are excellent for cutting.

- 561 **Michell's Giant White.** The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; Large pkt. Pkt. fine for forcing .....oz. 60c. \$0.20 \$0.10
- 562 **Empress.** Large sprays of white flowers with flattened heads; a popular florist kind; oz. 40c. .15 .10
- 566 **Pink** .....oz. 40c. .15 .05
- 560 **Crimson** .....oz. 30c. .15 .05
- 559 **Carmine.** Deep scarlet .....oz. 40c. .15 .05
- 568 **Purple.** Deep rich purple .....oz. 30c. .15 .05
- 574 **White Rocket.** Long spikes .....oz. 25c. .05
- 564 **Little Prince.** Very dwarf and compact with pure white flowers; excellent for edging; oz. 50c. .15 .10
- 576 **Choice Mixed.** All colors .....oz. 20c. .05
- 578 **Imported Collection, 6 Colors** ..... .25

### CARNATION (Summer Flowering)

Easily raised from seed; start in the house from January till April, but do not set outdoors until danger from frost is past.

- 600 **Early Vienna.** Large double flowers in Large pkt. Pkt. choicest mixture; 1 foot .....\$0.30 \$0.10
- 602 **Finest German.** Double mixed; selected strain .65 .25
- 610 **Choice Mixed.** All sorts ..... .50 .10

### MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks. The flowers are large, always perfect, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

- 604 **Excelsior Mixed.** Immense flowers in all the beautiful shades .....\$0.40 \$0.15
- 606 **White** ..... .40 .10
- 508 **Yellow** ..... .50 .10
- 609 **Choice Mixed** .....oz. \$1.00 .25 .10

Castor Oil Bean, See *Ricinus*. (See page 67)

Chrysanthemum, Perennial Varieties. (See page 76)

Cineraria. (See page 59)

Clematis. (See page 82)

### CLEOME (Spider Plants)

Tall bushy plant, branching freely and continuously in bloom. If protected during first winter it will live another season; 4 feet. Large pkt. Pkt.

- 720 **Pungens.** Pink flowers .....\$0.20 \$0.05

**Coboea Scandens, Cups and Saucers Vine.** (See page 81)

## ANNUAL CHRYSANTHEMUM

Exquisitely colored daisy-like flowers with finely cut foliage; good for cutting; also effective as border plant; 2 feet.

Large pkt. Pkt.

- 669 **Helios.** Extra large pure golden yellow flowers often measuring 4 ins. across; height, 2 feet .....\$0.15 \$0.10
- 680 **White Star.** Purest white ..... .20 .10
- 665 **Burridgeanum.** Crimson, white edge and inner white circle; 18 inches ..... .15 .05
- 670 **Inodorum, "Snowball."** Large double flowers of finest white and good form; splendid for cutting; 1 foot ..... .20 .10
- 677 **Segetum Grandiflorum.** Bright golden yellow flowers ..... .15 .05
- 681 **Single Mixed** .....oz. 30c. .15 .05
- 683 **Double Mixed** .....oz. 40c. .15 .05

## CINERARIA

White leaved sorts.

- 701 **Maritima Candidissima.** Silvery green lacinated foliage, good for edging ..... .15 .05

## CLARKIA

Planted in large groups they are very bright and effective, and the long graceful sprays are good for table decorations.

Large pkt. Pkt.

- 708 **Single Mixed.** All colors .....\$0.15 \$0.05
- 709 **Double Mixed.** All colors ..... .15 .05

## CELOSIA CRISTATA (Crested Cockscomb)

Very desirable for garden effects or edging; easily grown; produces large, brilliant comb-like heads.

- 615 **All Aglow.** Bright scarlet, 1 foot .....\$0.30 \$0.10
- 628 **Alba.** White ..... .30 .10
- 630 **Aurea.** Yellow ..... .30 .10
- 617 **Giant Empress.** Giant heads of rich crimson... .30 .10
- 619 **Glasgow Prize** ..... .25 .10
- 625 **Sutton's Prize.** Very dwarf, bright scarlet comb ..... .35
- 631 **Choice Mixed** .....oz. 75c. .20 .05

## CELOSIA PLUMOSA

(Feathered Cockscomb)

A splendid decorative plant for the garden; may also be successfully grown in pots; prefer a moist soil and if well grown rival any foliage plant. The feathery plumes are produced on long stems and are excellent for cutting.

- 624 **Scarlet.** Large pkt. 15c., pkt. 10c.
- 620 **Golden Plume.** Bright golden plume. Large pkt. 15c., pkt. 10c.

623 **Spicata** (see illustration). Of pyramidal growth; flowers pink shading to silvery white; 3 ft. Large pkt. 30c., pkt. 10c.

626 **Thompsoni Magnifica.** An improved strain with magnificent shades. Large pkt. 25c., pkt. 10c.

627 **Thompson's Superb.** A strain with bronze colored foliage and graceful feathery plumes of brilliant crimson; 2 feet. Large pkt. 20c., pkt. 10c.

633 **Choice Mixed.** All colors. Oz. 50c., large pkt. 15c., pkt. 5c.

**Cockscomb, See Celosia.** (See page 59)

**Coix Lachrymae, Job's Tears.** (See page 83)



*Celosia, Spicata*





*Centaurea Cyanus* (Corn Flower)

**CENTAUREA CYANUS**

(Bachelor's Button, Cornflower, Ragged Sailor or Blue Bottle)

Every one knows this popular old-fashioned flower, so that description is superfluous.

	Oz.	Pkt.
638 Emperor William. Deep blue .....	\$0.25	\$0.05
644 Double Blue. Very large and double; quite new (Large pkt. 20c.) .....		.10
639 Pink .....	.25	.05
640 White .....	.25	.05
641 Choice Mixed .....	.25	.05
642 Double Mixed .....	.25	.05

**CENTAUREA IMPERIALIS** (Giant Cornflower)

Gigantic, beautiful, sweet-scented flowers are borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height of plant, 2 to 3 feet.

		Large pkt.	Pkt.
645 Deep Rose .....	oz. 75c.	\$0.20	\$0.10
646 Lavender .....	oz. 75c.	.20	.10
647 Lilac .....	oz. 75c.	.20	.10
648 Brilliant Pink .....	oz. 75c.	.20	.10
649 Purple .....	oz. 75c.	.20	.10
650 White .....	oz. 75c.	.20	.10
651 Choice Mixed .....	oz. 60c.	.20	.10
653 Our Collection (one packet each of above 6 varieties) ..			.50

**WHITE LEAVED CENTAUREA** (Dusty Miller)

These are mainly grown for their silvery foliage as edging plants.

		500 Seeds Pkt.
636 Gymnocarpa. Fine cut silvery gray foliage.....	\$0.20	\$0.10
635 Candidissima. Broad cut leaves of silvery gray	.30	.10

**VARIOUS CENTAUREAS** Large-pkt. Pkt.

- 654 *Margaritae* (Giant White Sweet Sultan). The snow-white blooms often measure 3 to 4 inches across and are very fragrant; 18 inches ..... \$0.25 \$0.10  
656 *Suaveolens*. Bright yellow, fragrant blossoms. . . . .15 .05

**COLEUS**

- 735 **Large Leaved Hybrids.** Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in warm temperature..... .65 .25

*Convolvulus*, (See page 82)

**CONVOLVULUS MINOR**

- A charming garden plant, growing about a foot high. Oz. Pkt.  
748 **Mixed Colors** ..... \$0.15 \$0.05  
746 **Tricolor.** Blue and white ..... .20 .05  
Cucumber, Ornamental, See *Echinocystis*. (See page 81)

**CUPHEA PLATYCENTRA** (Cigar Plant)

- 775 Interesting bedding plant; the flower is shaped like a hollow cigar; color, scarlet with a black and white tip; 1 foot ..... \$0.30 \$0.10

*Cyclamen*. (See page 80 C)

*Cyperus*, Umbrella Plant. (See page 80 C)

Cypress Vine, *Ipomoea Quamoclit*. (See page 81)

**MICHELL'S EXTRA EARLY COSMOS**

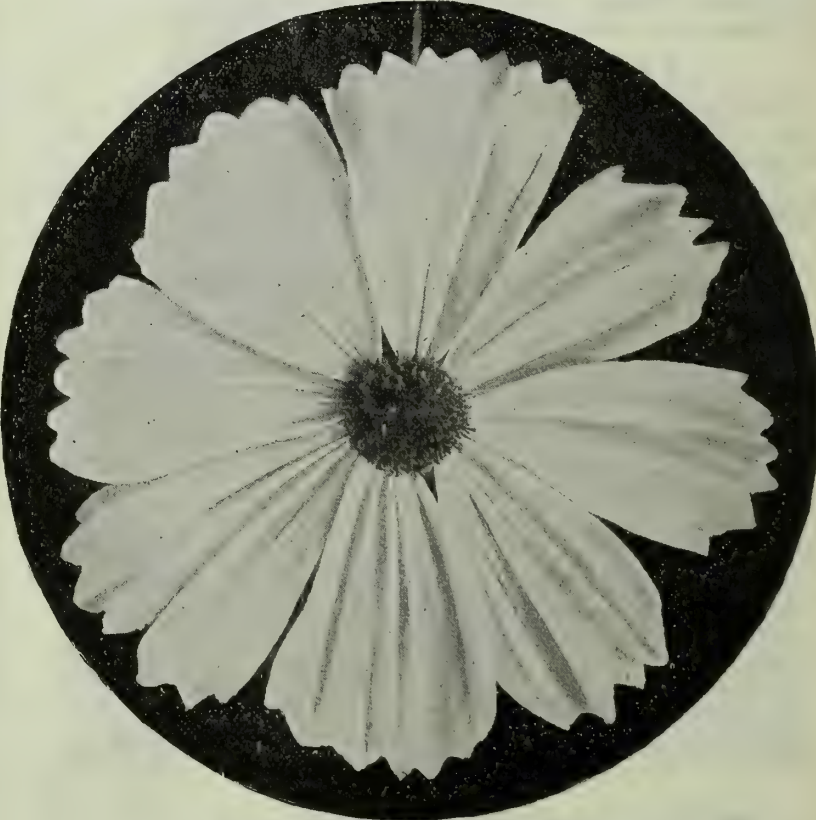
These will flower as early as July and will continue in bloom the entire year; the flowers are smaller than the late flowering sorts, nor do they grow as tall; 4 feet.

		Large pkt.	Pkt.
751 <b>Crimson</b> .....	oz. 75c.	\$0.20	\$0.10
752 <b>Pink</b> .....	oz. 75c.	.20	.10
753 <b>White</b> .....	oz. 75c.	.20	.10
754 <b>Mixed</b> .....	oz. 75c.	.20	.10
755 <b>Dawn.</b> White flushed with pink .....	oz. 75c.	.20	.10
757 <b>Dwarf Early.</b> Mixed colors .....	oz. 60c.	.20	.10

**MICHELL'S GIANT OR LATE COSMOS**

These produce giant blooms on plants often 7 feet tall during October and November.

		Large pkt.	Pkt.
759 <b>Pink</b> .....	oz. 60c.	\$0.20	\$0.10
761 <b>Red</b> .....	oz. 60c.	.20	.10
763 <b>White</b> .....	oz. 60c.	.20	.10
765 <b>Mixed</b> .....	oz. 50c.	.15	.05
767 <b>Giant Fancy Vars.</b> Mixed colors.....	oz. \$1.00	.30	.10
768 <b>New Giant Rainbow.</b> Delicate colorings.....		.40	.10
769 <b>Klondyke.</b> Large beautiful golden yellow flowers		.30	.10
771 <b>Giant "Lady Lenox."</b> Colossal flowers; a beautiful shell pink .....	oz. 75c.	.20	.10



Photograph of Single flower (actual size), Michell's Giant Flowering Cosmos









*Eschscholtzia* (California Poppy)

### ESCHSCHOLTZIA (California Poppy)

An elegant hardy annual with fine cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot.

		Large pkt.	Pkt.
951	<b>Californica.</b> Pure yellow	oz. 30c.	\$0.15 \$0.05
955	<b>Golden West.</b> Magnificent large deep golden yellow flowers	oz. 40c.	.15 .10
959	<b>Orange.</b> Rich orange yellow	oz. 30c.	.15 .05
963	<b>White</b>	oz. 30c.	.15 .05
953	<b>Dainty Queen.</b> Soft blush over coral pink, slightly deeper toward the edges	.40	.15
957	<b>Mandarin.</b> Inner side of petals orange, outer petals scarlet	oz. 35c.	.15 .05
961	<b>Rose Cardinal.</b> Carmine rose	oz. 40c.	.15 .05
965	<b>Choice Mixed</b>	oz. 25c.	.15 .05

**Eulalia, Ornamental Grass.** (See page 83)

**Eupatorium.** (See page 77)

### EUPHORBIA

Plants with ornamental foliage; very showy, easily raised from seed; height, 2 feet.

		Large pkt.	Pkt.
980	<b>Heterophylla</b> ( <i>Mexican Fire Plant</i> ). Large glossy green leaves, turning to orange scarlet in midseason	\$0.20	\$0.10
982	<b>Variegata</b> ( <i>Snow on the Mountain</i> )	oz. 30c.	.15 .05

**Ferns.** (See page 80 C)

### FEVERFEW (*Matricaria*)

995	<b>Double White.</b> Hardy annual; free flowering; for bedding or pot culture; showy double white flowers; 18 inches	oz. 40c.	.15 .10
-----	--	----------	---------

**Forget-Me-Not.** See *Myosotis*. (See page 64 A)  
**Four O'Clocks,** See *Marvel of Peru*. (See page 64 A)  
**Foxglove,** See *Digitalis*. (See page 77)  
**Fuchsia, Lady's Ear Drop.** (See page 80 C)

### GAILLARDIA (*Blanket Flower*)

A splendid garden flower and excellent for cutting. The large highly colored, daisy-like flowers appear uninterruptedly the entire season on stout erect stems often 15 to 18 inches in length.

1028	<b>Picta Mixed.</b> Single flowers in all colors;	oz. 30c.	\$0.15 \$0.05
1026	<b>Picta Lorenziana.</b> Full double flowers, mixed colors	oz. 40c.	.15 .05

**Gaillardia, Perennial.** (See page 78)

**Gentiana, Blue Gentian.** (See page 78)

**Geranium.** (See page 80 D)

**Gerbera, Transvaal Daisy.** (See page 80 D)

**Glaucium, Horn Poppy.** (See page 78)

**Gloxinia.** (See page 80 D)

### GODETIA (*Satin Flower*)

A most attractive bushy little plant with a host of bright flowers opening in the morning and closing at evening; very effective in gardens; not serviceable as cut flower; height, 15 inches.

1060	<b>Gloriosa.</b> Blood red flower	Large pkt.	Pkt.
1062	<b>Choice Mixed</b>	\$0.15	\$0.10 .05

**Goldenrod, Solidago Canadensis.** (See page 78)

### GOMPHRENA (*Globe Amaranth, also Bachelor Buttons*)

A bushy dwarf plant with button-like flowers, fine for cutting; in fact are everlasting; height, 12 inches.

		Oz.	Large pkt.	Pkt.
1070	<b>Nana Compacta.</b> Dwarf red	\$0.30	\$0.15	\$0.05
1072	<b>Mixed.</b> All colors	.25	.15	.05

**Gourd, Ornamental.** (See page 81)

**Grevillea, Silk Oak.** (See page 80 D)

**Gynerium, Pampas Grass.** (See page 83)

**Gypsophila, Baby's Breath.** (See page 78)

**Helenium, Sneezewort.** (See page 78)

**Helianthus, See Sunflower.** (See page 70)

**Helichrysum, Straw Flower.** (See page 83)

**Heliopsis, Orange Sunflower.** (See page 78)

**Heuchera, Alum Root.** (See page 78)

**Hibiscus, Marshmallow.** (See page 78)

### HUNNEMANNIA (*Giant Yellow Tulip Poppy*)

		Large pkt.	Pkt.
1175	<b>Fumariaefolia.</b> Sown outdoors in May it produces large quantities of giant yellow tulip-like flowers on good long stems during end of August, continuing for the balance of the season; the foliage resembles <i>Eschscholtzia</i> ; height, 2 feet	oz. 50c.	.15 .10

### HELIOTROPE

A well known and highly prized plant on account of the delightful fragrance of the flowers; excellent for pots, or for bedding; 18 inches.

		Large pkt.	Pkt.
1115	<b>Lemoine's Giant.</b> Produces a profusion of flowers nearly double the size of the old sort; mixed colors	\$0.50	\$0.15
1117	<b>Regal.</b> Of dwarf compact growth; immense flowers; all shades	.50	.15
1119	<b>Choice Mixed.</b> Of many varieties	.25	.10
1121	<b>Imported Collection.</b> 6 sorts		.40

**Ipomoea.** (See page 82)

**Kenilworth Ivy, Linaria Cymbalaria.** (See page 81)

### COLLECTIONS OF FLOWER SEEDS

Collection of Annuals.	Containing 8 distinct sorts	\$0.35
Collection of Annuals.	" 12 distinct sorts	.50
Collection of Annuals.	" 18 distinct sorts	.75
Collection of Annuals.	" 24 distinct sorts	1.00



*Kochia Tricophylla***KOCHIA (Standing Cypress)** Large Pkt Pkt

- 1198 **Tricophylla.** An easily grown annual, which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color; 2 to 3 feet..... \$0.15 \$0.10

**LANTANA**

Most desirable bedding plant; seeds are best germinated in a greenhouse from January till March; flowers resemble Verbenas; plants grow erect and remain in bloom all summer.

- 1200 **Dwarf Mixed.** 10 inches high, all colors.....\$0.20 \$0.10  
1201 **Choice Tall Mixed.** 2 to 3 feet high....oz. 30c. .15 .10

**LARKSPUR (Annual)**

Splendid flowers of easy culture; sown in May outdoors they will be in full bloom in July; graceful fern-like foliage and slender spikes 3 feet tall with double rosette flowers; fine for cutting or garden decoration.

**TALL DOUBLE STOCK FLOWERED**

Plants branch freely and the flowers resemble double stock; height, 2½ feet.

- |                                    | Oz.    | Large Pkt. | Pkt.   |
|------------------------------------|--------|------------|--------|
| 1202 <b>Dark Blue</b> .....        | \$0.60 | \$0.20     | \$0.10 |
| 1203 <b>Sky Blue</b> .....         | .60    | .20        | .10    |
| 1206 <b>Shell Pink</b> .....       | .60    | .20        | .10    |
| 1209 <b>White</b> .....            | .60    | .20        | .10    |
| 1207 <b>All Colors Mixed</b> ..... | .30    | .15        | .05    |

**TALL HYACINTHS FLOWERED**

Tall spikes with double flowers resembling Hyacinths.

- |   | Oz.          | Large Pkt. | Pkt.   |
|---|--------------|------------|--------|
| 1226 <b>Queen of Pinks.</b> It is the color which gives this variety a foremost place in any garden; spikes fully 3 feet tall and well branched; color, delicate salmon pink..... | \$0.30       | \$0.10     |        |
| 1222 <b>Shell Pink</b> .....  | \$0.60       | \$0.20     | \$0.05 |
| 1223 <b>White</b> .....   | .60          | .20        | .05    |
| 1221 <b>Dark Blue</b> .....   | .60          | .20        | .05    |
| 1224 <b>Mixed Colors</b> .....  | .50          | .15        | .05    |
| 1205 <b>Dwarf Double Rocket Mixed.</b> A compact bushy plant with several dwarf spikes of double flowers; height, 1 foot .....  | oz. 25c. .15 |            | .05    |

**Lathyrus Latifolius, Everlasting or Perennial Pea.** (See p. 78)

**1218 LAVATERA SPLENDENS ROSEA**

- |   | Large Pkt. | Pkt. |
|---|------------|------|
| A compact shrubby-like plant with glossy foliage and bright pink mallow-like flowers; splendid for cutting and decorative work; easily raised from seed.. | .20        | .10  |

**Lavender, Lavendula Vera.** (See page 78)

**Lily of the Valley, Convallaria Majalis.** (See page 78)

**1230 LINUM GRANDIFLORA RUBRUM**

(Scarlet Flax)

Large pkt. Pkt.

Ideal for bedding, growing dwarf (1 foot), compact with light green foliage and bright scarlet flowers;

- |               |     |     |
|---------------|-----|-----|
| oz. 25c. .... | .15 | .05 |
|---------------|-----|-----|

**LOBELIA**

No garden is complete without an edging of blue Lobelia, and for a long season of bloom and dwarfness there is nothing that can take its place; seeds are best started early in the house, but they may also be sown outdoors, when they will bloom later in the season.

Large Pkt. Pkt.

- |   |        |        |
|---|--------|--------|
| 1239 <b>Crystal Palace Compacta.</b> Very compact deep blue, the best for edging .....        | \$0.40 | \$0.10 |
| 1235 <b>Barnard's Perpetual.</b> Deep blue with white eye .....                               | .30    | .10    |
| 1241 <b>Crystal Palace Speciosa.</b> Of trailing habit, deep blue, fine for vases .....       | .25    | .10    |
| 1243 <b>Double Flowering.</b> Small double deep blue flowers, resembling little violets ..... | .65    | .10    |
| 1245 <b>Emperor William.</b> Flowers sky blue, plants very compact .....                      | .30    | .10    |
| 1249 <b>Gracilis.</b> Of trailing habit, deep blue .....                                      | .20    | .10    |
| 1255 <b>White Gem.</b> Very compact, snow-white flowers .....                                 | .30    | .10    |
| 1257 <b>Mixed.</b> All colors .....   | .20    | .05    |

**Lobelia, Perennial.** (See page 79)

**Lophospermum.** (See page 82)

**LUPINS (Annual)**

It is surprising how few gardens possess this valuable showy flower, which flowers within six weeks after sowing; tall, stately, showy and extremely decorative in the garden it is equally valuable for cutting and will easily last four days; height, 2 feet.

- |   |        |        |
|---|--------|--------|
| 1268 <b>Pink Beauty.</b> Tall spikes of an exquisite shell pink color ..... | \$0.50 | \$0.10 |
| 1265 <b>Blue</b> .....  | .30    | .05    |
| 1267 <b>Pink</b> .....  | .30    | .05    |
| 1269 <b>Red</b> .....   | .30    | .05    |
| 1271 <b>Scarlet, White Tipped</b> .....                                     | .30    | .05    |
| 1273 <b>White</b> .....   | .30    | .05    |
| 1275 <b>Yellow</b> .....  | .40    | .10    |
| 1277 <b>Mixed, All Colors</b> .....   | .20    | .05    |

**Lupinus, Perennial.** (See page 79)

**Lychnis.** (See page 79)





*Marigold—El Dorado*

## MARIGOLD (Tagetes)

Popular free blooming garden plants of easiest possible culture.

### AFRICAN VARIETIES

Of tall growth with giant flowers of all shades of yellow; very effective in the garden during the fall season; height, 3 feet.

- 1296 **El Dorado.** Imbricated flowers of immense size Large pkt. Pkt.  
in all shades of yellow .....oz. 40c. \$0.15 \$0.05
- 1307 **Orange Prince.** Flowers very large, of a deep  
orange color .....oz. 60c. .20 .10
- 1303 **Lemon Queen.** Soft lemon yellow.....oz. 60c. .20 .10
- 1308 **Pride of the Garden.** Dwarf, 18 inches, golden  
yellow .....oz. 60c. .20 .10
- 1300 **Large African.** Tall double mixed.....oz. 30c. .15 .05
- 1311 **Imported Collection, 6 Varieties** ..... .25

### FRENCH VARIETIES

Of compact dwarf growth with velvety flowers, 18 inches.

- 1290 **Double Pulchra.** Rich golden yellow with deep Large pkt. Pkt.  
velvety brown centre; 1 foot .....oz. 30c. \$0.15 \$0.05
- 1294 **Dwarf Gold Striped.** Double, brownish red  
striped golden yellow .....oz. 30c. .15 .10
- 1298 **Gold Nugget.** Of dwarf growth, very double, a  
peculiar shade of yellow .....oz. 40c. .15 .10
- 1302 **Legion of Honor (Little Brownie).** Single flow-  
ers of golden yellow with a large spot of crim-  
son velvet; 6 inches .....oz. 35c. .15 .05
- 1306 **Liliput.** Dwarf excellent for pots; small double  
flowers; mixed colors; 4 inches .....oz. 60c. .20 .10
- 1292 **Dwarf French Mixed.** All colors.....oz. 30c. .15 .05
- 1310 **Imported Collection, 6 Varieties** ..... .25

**Marvel of Peru, Four O'Clock.** (See page 64 A)

**Maurandia.** (See page 82)

## MIGNONETTE

Valuable for cutting on account of its fragrance; sow in suc-  
cession during the whole summer; may also be forced in green-  
houses during winter.

Large pkt. Pkt.

- 1356 **Michell's Colossal.** Foliage, stalks and flowers  
are very robust. The flower-spike often aver-  
aging 18 inches; extremely fragrant ..... \$0.50 \$0.15
- 1354 **Hoehl's Giant Flowering.** Seed saved from the  
finest specimen grown under glass; very large  
and especially suitable for forcing ..... .65 .15
- 1340 **Allen's Defiance.** Spikes invariably attain a  
height of 12 to 15 inches; deliciously fragrant;  
oz. 60c. .... .20 .10
- 1341 **Allen's Defiance Special.** Indoor-grown seed,  
extra choice, in original packets ..... 1.00
- 1345 **Bismarck.** Compact plant of strong growth,  
stout spikes of large flowers ..... .30 .10
- 1355 **Machet.** Large reddish tinted, sweet scented  
flowers .....oz. 50c. .15 .10
- 1349 **Golden Machet.** Large golden flowers; oz. 50c. .15 .10
- 1352 **Goliath.** Giant spikes of brilliant red flowers.. .30 .10
- 1363 **Sutton's Giant.** Reddish buff, original pkts. . . .25
- 1357 **Miles' Spiral.** Flowers whitish .....oz. 25c. .15 .05
- 1359 **Parson's White.** Large fragrant white flowers;  
oz. 35c. .... .15 .05
- 1365 **Sweet Scented.** The popular garden sort; oz.  
15c. .... .05
- 1367 **Imported Collection, 10 Varieties** ..... .50

**Mimosa, See Sensitive Plant.** (See page 70)

**Mina.** (See page 82)

**Momordica, See Balsam Apple.** (See page 81)

**Moonflower, See Ipomoea.** (See page 82)

**Morning Glory.** (See page 82)





## MARVEL OF PERU (Four-o'clocks)

- |   | Oz.    | Pkt. |
|---|--------|------|
| 1315 <b>Choice Mixed.</b> Bushy plants of easy culture, producing hundreds of flowers during the entire summer; very showy in the garden; 2 feet..... | \$0 15 | 05   |

## MESEMBRYANTHEMUM

Dwarf, trailing annuals for rockeries, edgings and vases.

- |   | Large Pkt. | Pkt. |
|---|------------|------|
| 1330 <b>Cordifolium Variegatum.</b> Variegated foliage; rose colored flowers..... | 30         | 10   |
| 1331 <b>Crystallinum (Ice Plant).</b> Singular ice foliage; flowers white.....    | 15         | 05   |
| 1332 <b>Tricolor (Wax Plant).</b> Various colors.....                             | 15         | 05   |

## MIMULUS

Splendid bedding plants for moist, shady situations; seeds must be sown early, from February till April in the house.

- |   |    |    |
|---|----|----|
| 1370 <b>Moschatus (Musk Plant).</b> Fine for hanging baskets; yellow flowers, fragrant foliage; 6 inches..... | 30 | 05 |
| 1372 <b>Moschatus Compacta.</b> Fine for pots and borders; 4 inches.....                                      | 30 | 05 |
| 1374 <b>Tigrinus (Monkey Flower).</b> Fine mixed tigered and spotted varieties; 1 foot.....                   | 30 | 05 |

## MUSA ENSETE (Abyssinian Banana)

- 1385 A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive, and very effective; 10 to 15 feet. Seeds should be started in wet moss placed over heat. Per 10 seeds, 25c.



Myosotis (Forget-Me-Not)

## MYOSOTIS

Although biennials these flower the first year from seed. Sown in spring they flower in the fall; if wanted for spring flowering sow in July and transplant in the fall; 1 foot.

- |  | Large Pkt. | Pkt. |
|--|------------|------|
| 1391 <b>Alpestris Victoria.</b> Of bushy habit; bearing large bright blue flowers; very fine; 6 inches | 30         | 10   |
| 1395 <b>Eliza Fanrobert.</b> Large flowering, bright blue  | 20         | 10   |
| 1399 <b>Grandiflora Alba.</b> Large white flowers; 6 in.   | 25         | 10   |
| 1400 <b>Grandiflora Rosea.</b> Large pink flowers; 6 in.   | 25         | 10   |
| 1401 <b>Palustris.</b> The true Forget-Me-Not; bright blue flowers; 6 in.....                          | 40         | 10   |
| 1405 <b>Royal Blue.</b> Upright grower; blue.....  | 40         | 10   |
| 1406 <b>Ruth Fisher.</b> A compact plant with light blue flowers; splendid for pots.....               | 25         |      |
| 1407 <b>Choice Mixed.</b> Various shades of blue, rose and white.....oz. 60c.                          | 20         | 05   |



## NICOTIANA (Flowering Tobacco)

Extremely showy plants with graceful, slender, tail flowering stems and fragrant flowers; height 3 feet.....

- |   | Large Pkt. | Pkt. |
|---|------------|------|
| 1505 <b>Affinis.</b> Fragrant, tube-shaped, pure white flowers.....   | 15         | 05   |
| 1506 <b>Affinis Hybrida (new).</b> All colors of the rainbow with sweet, fragrant flowers.....  | 25         | 10   |
| 1507 <b>Colossea.</b> A desirable ornamental plant for large tropical beds; 5 to 6 feet high, with immense leaves.....  | 65         | 05   |
| 1508 <b>Sanderae.</b> A new variety of great merit, growing about 2 feet high; flowers of the most handsome carmine-red color; very fragrant; hardy annual, easily grown..... | 25         | 10   |
| 1509 <b>Sylvestris.</b> A very ornamental variety with deep green leaves, and large, pure white fragrant, drooping flowers; 4 feet.....                                       | 15         | 10   |

## NEMOPHILA (Love-Grove)

- |   |    |    |
|---|----|----|
| 1500 <b>Mixed.</b> Free-flowering, of dwarf, compact habit, and bearing a profusion of cup-shaped flowers; thrives best in a cool, shady situation; 1 foot..... | 15 | 05 |
|---|----|----|

## NIEREMBERGIA

- |   |    |    |
|---|----|----|
| 1512 <b>Frutescens.</b> Excellent for baskets, vases, etc.; flowers blue; 1 foot..... | 20 | 10 |
|---|----|----|

## NIGELLA (Love in a Mist)

- |  |    |    |
|--|----|----|
| 1515 <b>Damascena.</b> Showy, with finely cut foliage and centaurea-like flowers, blue and white mixed; 1 foot.....                  | 15 | 05 |
| 1517 <b>Miss Jekyll.</b> Charming, bearing on long stems beautiful flowers of cornflower blue; excellent for cutting; 18 inches..... | 20 | 10 |

## OENOTHERA (Evening Primrose)

- |  | Large Pkt. | Pkt. |
|--|------------|------|
| 1525 <b>Mixed.</b> Beautiful plants of easy culture, producing brightly colored flowers..... | 15         | 05   |





MICHELL'S  
FANCY GIANT MIXED  
NASTURTiums

VREDEBURG & CO. ROCK, N. Y.

# MICHELL'S FANCY NASTURTiums

	Per pkt.	Per oz.	Per ¼ lb.	Per lb.
DWARF FANCY GIANT MIXED	10c	20c	40c	\$1.25
TALL FANCY GIANT MIXED	10c	20c	40c	1.25
DWARF CHOICE MIXED	5c	15c	30c	1.00
TALL CHOICE MIXED	5c	15c	30c	1.00



# MICHELL'S FANCY NASTURTiums

Nasturtiums are among the most useful and beautiful of our annuals; easily grown, and producing a great profusion of brilliant colored flowers from within a few weeks after they are sown until they are killed by frost. Our Nasturtiums are noted for their size, variety and brilliancy of their colors.

## DWARF OR BEDDING (Tom Thumb)

Of dwarf, compact growth; excellent for bedding purposes; 1 foot high.

	¼ lb.	Oz.	Pkt.
1442 Michell's Fancy Giant Mixed. This is one of the finest mixtures ever offered; composed of the largest and finest varieties. Per lb. \$1.25	\$0.40	\$0.20	\$0.10
1440 Choice Mixed. All colors. Per lb. \$1.00	.30	.15	.05
1445 Liliput Mixed. A new variety of very dwarf and compact growth, and producing in the greatest profusion flowers of many new and beautiful colors and shades	.45	.15	.05
1446 Queen of Tom Thumbs Mixed. Silver variegated foliage; flowers in a great variety of colors	.60	.20	.10
1431 Queen of Tom Thumbs. Silver variegated foliage and rich, bright crimson flowers	1.00	.30	.10
1444 Golden Foliage Mixed	.60	.20	.10
1417 David Burpee Spencer. New compact plants with emerald green leaves which are wavy and ruffled; flowers deep scarlet on long stems			.15
1410 Aurora. Rich yellow, veined carmine.	.40	.15	.05
1412 Beauty. Yellow, with scarlet veinings.	.40	.15	.05
1414 Chameleon. Produces various colors and markings on the same plant	.40	.15	.05
1416 Cloth of Gold. Golden yellow leaves, scarlet flowers	.40	.15	.05
1418 Empress of India. A splendid variety, with dark leaves and crimson flowers.	.45	.15	.05
1420 Golden King. Dark foliage; golden flowers	.40	.15	.05
1422 Golden Queen. Foliage and flowers golden yellow	.40	.15	.05
1423 King of Tom Thumbs. Dark foliage; scarlet flowers	.40	.15	.05
1424 King Theodore. Dark foliage; flowers crimson maroon	.45	.15	.05
1426 Lady Bird. Rich orange yellow, with a red blotch at the base of the petals.	.40	.15	.05
1428 Pearl. Creamy white	.40	.15	.05
1430 Pink. Soft rose color	.40	.15	.05
1432 Scarlet. Brilliant	.40	.15	.05
1434 Spotted. Rich orange, spotted crimson.	.40	.15	.05
1436 Vesuvius. Bright salmon pink	.45	.15	.05
1438 Yellow. Bright, with glossy finish	.40	.15	.05
1447 Imported Collection. 12 dwarf varieties.			.50

## LOBB'S CLIMBING NASTURTium

These are exceedingly free-flowering and of the most brilliant colors, with neat dark green foliage; of the same habit of growth as the other climbing varieties; also desirable for greenhouse or conservatory.

	¼ lb.	Oz.	Pkt.
1492 Choice Mixed. Lobb's varieties, all colors. Per lb. \$1.25	\$0.40	\$0.15	\$0.05
1480 Asa Gray. Yellowish white	.50	.20	.05
1482 Brilliant. Glowing scarlet flowers	.50	.20	.05
1484 Giant of Battles. Yellow, blotched carmine	.50	.20	.05
1486 Golden Queen. Golden yellow	.50	.20	.05
1488 Roi des Noirs. Dark garnet red	.50	.20	.05
1489 Rudolph Virchow. Soft, rosy pink.	.50	.20	.05
1490 Spitfire. Brilliant scarlet	.50	.20	.05
1493 Our Collection. One packet each of the above 7 Lobb's varieties for 30c.			



Michell's Fancy Giant Nasturtiums

## TALL OR CLIMBING NASTURTiums

Desirable for verandas, fences, arbors, etc.; 8 to 10 feet.

	¼ lb.	Oz.	Pkt.
1474 Michell's Fancy Giant Mixed. This mixture cannot be excelled for large size, and beautiful colors of the flowers. Composed of the largest and finest varieties. Per lb. \$1.25	\$0.40	\$0.20	\$0.10
1472 Choice Mixed. Lb. \$1.00	.30	.15	.05
1475 Queen of Talls, Mixed. Silver variegated foliage, flowers of all colors	.50	.15	.10
1471 Hybrids of Mad. Gunther. A special strain; all shades and colors. Per lb. \$1.25	.40	.15	.05
1454 Ivy Leaved. Ivy-like foliage and blood-red fringed flowers	.50	.20	.10
1450 Chameleon. Produces different colored flowers on the same plant	.40	.15	.05
1452 Crimson. Rich, velvety	.40	.15	.05
1453 Hemisphaericum. Different shades of orange-salmon and scarlet	.40	.15	.05
1456 Jupiter. Color, pure deep yellow, with crinkled petals; of immense size	.40	.20	.10
1458 King Theodore. Dark foliage and flowers	.40	.15	.05
1460 Orange. A deep shade	.40	.15	.05
1461 Pearl. Creamy white	.40	.15	.05
1463 Pink. Soft rose color	.40	.15	.05
1462 Scarlet. Very bright	.40	.15	.05
1466 Vesuvius. Salmon pink	.40	.15	.05
1468 Violet. Brownish violet	.40	.15	.05
1470 Yellow Striped Scarlet	.40	.15	.05
1476 Imported Collection. 12 tall varieties.			.50

Paeony. (See page 79)



# MICHELL'S GIANT PANSIES



*Pansy—Michell's Giant Exhibition*

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it for an annual. There are actually three seasons in which pansies can be planted. If started in the house from February till April pansies will begin to bloom from July on; sown outdoors in May beautiful flowers are produced in the fall; sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

## PANSIES IN MIXTURES

Large pkt. Pkt.

1595	<b>Michell's Giant Exhibition.</b> A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz. \$6.00, \$1.00 per 1/8 oz. ....	\$0.65	\$0.25
1608	<b>Triumph of the Giant.</b> Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz. \$10.00, \$3.00 per 1/4 oz. ....	.75	.50
1597	<b>Bugnot, Odier and Cassier.</b> A superb mixture of giant blotched varieties.....	1/8 oz. \$1.00	.65 .25
1599	<b>Giant Trimardeau.</b> Very large flowering; all colors mixed .....	1/4 oz. \$0.60	.40 .10
1600	<b>Mad. Perret.</b> Early flowering, fragrant, especially rich in red shades; large flowering. 1/4 oz. \$1.25 .....	.65	.25
1601	<b>Masterpiece.</b> New giant curled....	1/4 oz. \$1.50	.65 .25
1603	<b>Non Plus Ultra.</b> Beautiful colors....	1/4 oz. \$1.50	.65 .25
1605	<b>Odier or Blotched.</b> A beautiful strain. 1/4 oz. \$1.25 .....	.65	.15
1607	<b>Parisian Large Stained.</b> Choicest colors. 1/4 oz. \$1.25 .....	.50	.15
1609	<b>Finest English Mixed.</b> .....	oz. \$1.50	.30 .10
1611	<b>Very Fine Mixed</b> .....	oz. .75	.20 .05
1613	<b>Imported Collection.</b> 6 colors .....		.40
1614	<b>Imported Collection.</b> 12 colors .....		.75

## MICHELL'S GIANT PANSIES

### SEPARATE COLORS

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

		1/4 Oz.	Large pkt.	Pkt.
1535	<b>Giant Prize Azure Blue.</b> Violet blue...	\$1.00	\$0.50	\$0.15
1537	" " <b>Black Blue.</b> Dark velvety.	1.00	.50	.15
1539	" " <b>Emperor William.</b> Ultra-marine blue .....	1.00	.50	.15
1541	" " <b>Hortensia Red.</b> Scarlet...	1.25	.50	.15
1543	" " <b>King of the Blacks.</b> Black	1.00	.50	.15
1545	" " <b>Lord Beaconsfield.</b> Violet	1.00	.50	.15
1549	" " <b>Peacock.</b> Upper petals blue, lower petals deep claret with white margin .....	2.00	.50	.15
1551	" " <b>Snow Queen.</b> Pure white.	1.00	.50	.15
1553	" " <b>Striped and Mottled</b> .....	1.00	.50	.15
1557	" " <b>White with dark eye</b> .....	1.00	.50	.15
1559	" " <b>Pure Yellow</b> .....	1.00	.50	.15
1561	" " <b>Yellow with dark eye</b> .....	1.00	.50	.15

**SPECIAL OFFER.** We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

### PANSIES (Regular Sorts in Separate Colors)

		Oz.	Large Pkt.	Pkt.
1565	<b>Belgian Striped.</b> Showy .....	\$1.25	\$0.30	\$0.10
1567	<b>Emperor William.</b> Ultramarine blue...	1.25	.30	.10
1569	<b>Faust (King of the Blacks).</b> Almost black .....	1.25	.30	.10
1571	<b>Gold Margined.</b> Purple, golden edge ..	1.25	.30	.10
1573	<b>Havana Brown</b> .....	1.25	.30	.10
1575	<b>Lord Beaconsfield.</b> Violet .....	1.25	.30	.10
1577	<b>Mahogany Colored</b> .....	1.25	.30	.10
1579	<b>Silver Edged.</b> Purple, silver edge .....	1.25	.30	.10
1581	<b>Snow Queen.</b> Pure white .....	1.25	.30	.10
1583	<b>White with dark eye</b> .....	1.25	.30	.10
1585	<b>Yellow Gem.</b> Pure yellow .....	1.25	.30	.10
1587	<b>Yellow with dark eye</b> .....	1.25	.30	.10

**SPECIAL OFFER.** We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

**Passiflora, Passion Flower.** (See page 82)  
**Pennisetum, Ornamental Grass.** (See page 83)  
**Pentstemon, Beard-Tongue.** (See page 79)



*Michell's Giant Prize Pansy*



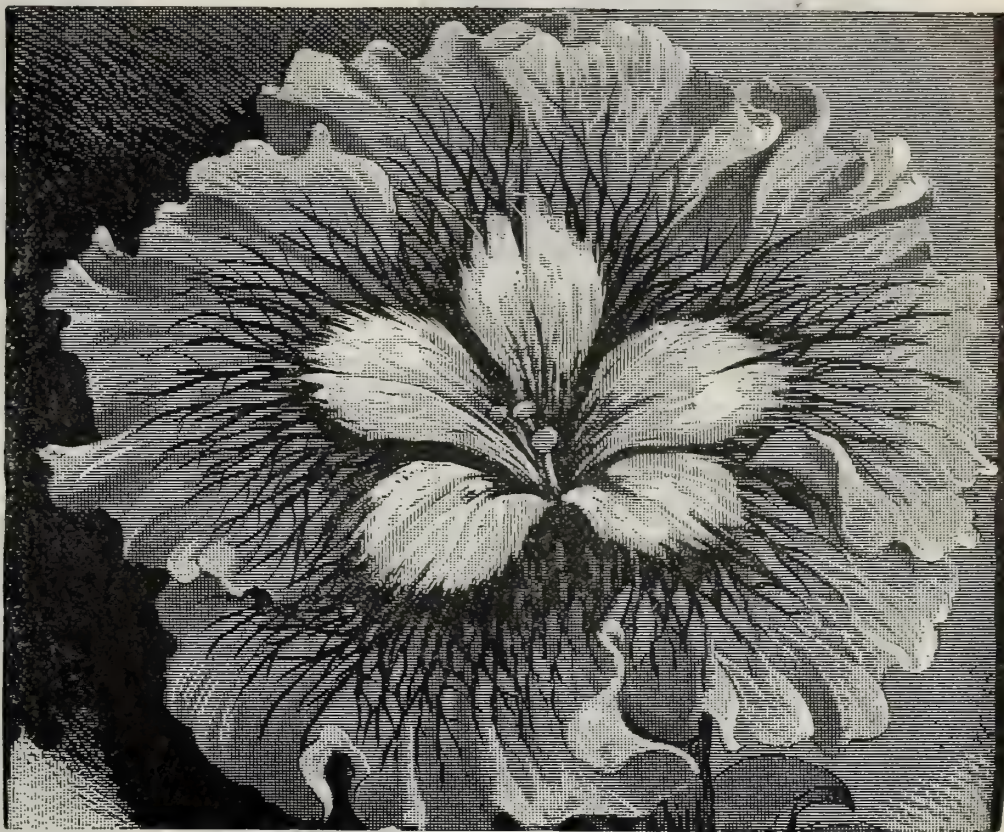
# MICHELL'S GLORIOUS PETUNIAS

There is no more deserving flower than the Petunia. Quick to bloom in the early summer, it gives us a bright display long after the first frost has wrought its damage; seeds must be carefully handled as they are extremely fine but the plants are of easiest culture.

## SINGLE FLOWERED PETUNIAS

Large pkt. Pkt.

1657 <b>California Giants.</b> The largest flower of any petunias, bright and desirable colors, strong robust plants .....	\$0.65	\$0.25
1665 <b>Grandiflora Fringed.</b> Each petal of these giant flowers is delicately fringed and thus gives the flower a distinct appearance; all colors..	.65	.20
1669 <b>Ruffled Giants.</b> Immense large flowers, exquisitely ruffled and frilled .....	.65	.25
1655 <b>Adonis.</b> Rosy carmine with white throat .....	.40	.10
1663 <b>Dwarf Inimitable.</b> Of dwarf, compact habit; profuse bloomer; flowers striped .....	.40	.10
1662 <b>Enchantress.</b> A new dwarf variety, almost covered with flowers from early summer until killed by frost; the flowers are of many shades and colors .....	.40	.10
1672 <b>Pepita.</b> Fringed flowers of deep scarlet with a white border, very effective .....	.65	.25
1668 <b>Rosy Morn (New).</b> Dwarf, bushy plants, bearing in great profusion brilliant rose flowers with a white throat; excellent for pot culture .....	Large pkt. Pkt.	
1671 <b>Snowball.</b> Compact habit; flowers pure white..	.40	.10
1673 <b>Star (Howard's).</b> A beautiful variety; produces a profusion of crimson-maroon flowers, each having a distinct five-pointed white star.....	.40	.15
1675 <b>Choice Mixed.</b> Striped and blotched; oz., \$1.00	.30	.10
1677 <b>Fine Mixed.</b> All colors .....	oz., \$0.75	.20
1679 <b>Imported Collection.</b> Large flowering, 6 varieties	.50	
1680 <b>Imported Collection.</b> Large flowering, 12 varieties	1 00	



*Petunia—Grandiflora Fringed*

## DOUBLE FLOWERING PETUNIAS

As the seed of the double varieties is obtained by hybridization, it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they produce the finest double flowers.

1659 <b>Double Fringed White.</b> Extra large, pure white, fringed flowers .....	Large pkt. Pkt.	
1661 <b>Double Fringed Mixed.</b> Selected and hybridized with the greatest care; flowers of large size, beautifully fringed and of choicest colors.		
Per 500 seeds, \$1.00 .....		.25

**Phlox, Hardy.** (See page 80)

**Physostegia, False Dragon Head.** (See page 80)

**Platycodon, Chinese Bell Flower.** (See page 80)

**Polyanthus.** (See page 80)

**Poppy, Hardy.** (See page 79)

**Primula.** (See page 80 D)

**Pueraria Thunbergiana.** (See page 82)

**Pyrethrum, Hardy.** (See page 80)

## RICINUS (Castor Oil Bean)

These ornamental plants are used with great effect on lawns, as centrepieces in flowering beds such as cannas, etc., and require at least 3 feet space between each.

	Oz.	Pkt.
1880 <b>Borboniensis.</b> Beautiful green foliage; 15 feet	\$0.15	\$0.05
1882 <b>Cambodgensis.</b> Large leaves, dark bronzy-maroon; stalk and stems nearly black; 5 feet	.20	.05
1884 <b>Gibsoni.</b> Branching habit, deep red foliage; 5 feet .....	.15	.05
1886 <b>Philippiensis.</b> A variety from the Philippines; gigantic purple foliage; 10 feet .....	.15	.05
1888 <b>Sanguineus.</b> Blood-red stalks and clusters of red fruit; 8 feet .....	.15	.05
1890 <b>Zanzibariensis.</b> Enormous leaves varying in color from light green to purplish red; 12 feet	.15	.05
1891 <b>Mixed.</b> All sorts .....	.15	.05

## RUDBECKIA (Coneflower)

Tall growing plants, flowering profusely all summer.

1900 <b>Bicolor Superba.</b> Yellow flowers with brown disc in centre; 2 feet .....	Large pkt. Pkt.	
	\$0.15	\$0.10



*Double Fringed Petunia*





*Dwarf Large-Flowering Phlox—"Cecily" Strain*

## PHLOX DRUMMONDII

A very desirable flower on account of its long season in bloom; easily grown from seed.

### DWARF GROWING VARIETIES

Excellent for edgings; growing but 8 ins. tall and very compact.

#### MICHELL'S LARGE FLOWERED "CECILY STRAIN"

	Large pkt.	Pkt.
1688 Mixed Colors. All shades	\$0.40	\$0.10
1690 Crimson with White Eye	.30	.10
1692 Deep Scarlet	.30	.10
1693 Fair Maid. Soft pink	.30	.10
1694 Fireball. Brilliant scarlet	.30	.10
1696 Pink	.30	.10
1700 Snowball. Pure white	.30	.10
1702 Violet with White Eye	.30	.10
1701 Stella. Star-shaped flowers of brightest scarlet	.40	.15
1704 Choice Mixed	1/4 oz., 50c.	.30 .10

### TALL GROWING VARIETIES

Plants grow 12 to 15 inches tall, are excellent for groups and cutting.

#### MICHELL'S "GRANDIFLORA" STRAIN

	Large pkt.	Pkt.
1710 Alba. Pure white	\$0.30	\$0.10
1712 Coccinea. Brilliant scarlet	.30	.10
1714 Pink	.30	.10
1716 Stellata Splendens. Scarlet with white eye	.30	.10
1720 Choice Mixed. All colors	oz. 75c.	.25 .10
1721 Imported Collection, 12 varieties		.75

### VARIOUS PHLOXES

	Large pkt.	Pkt.
1722 Fine Mixed. All colors and forms; oz. 60c.	\$0.20	\$0.05
1723 Double Mixed. Flowers with several rows of petals; fine for cutting	.30	.10
1729 Star of Quedlinburg. Beautiful star-shaped flowers of various colors	.25	.10

**Rhodanthe.** (See page 83)

**SAINTPAULIA.** (See page 80 D)

## SALPIGLOSSIS (Painted Tongue)

Easy growing plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early summer until late fall; 18 inches.

### GRANDIFLORA

	Large pkt.	Pkt.
1912 Black, Yellow Veined	\$0.30	\$0.10
1914 Carmine	.30	.10
1916 Crimson	.30	.10
1918 Pink	.30	.10
1919 Our Collection. One packet each of above 4 colors,	35c.	
1920 Choice Mixed. A fine mixture of large flowering varieties	.25	.05
1924 Imported Collection. 6 large flowering varieties	.30	

### EMPEROR

A new type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold, and of immense size.

	Large pkt.	Pkt.
1922 Choice Mixed	\$0.40	\$0.10



*Scarlet Sage, Bonfire*

## SALVIA (Scarlet Sage)

This popular bedding plant is impossible to be replaced. There is nothing more effective in the fall or mid-summer than these bright scarlet flowers. Seeds should be started either in the house from February till April or in hotbeds.

	Large pkt.	Pkt.
1930 Bonfire ( <i>Clara Bedman</i> ). Compact bushy plants 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers; 1/4 oz. 75c.	\$0.30	\$0.10
1928 Ball of Fire. A dwarf early flowering variety with long spikes of brilliant scarlet flowers; excellent for borders; 18 inches	.40	.15
1946 Zurich. This is the earliest flowering of all salvias; plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost; height, 18 ins.	.40	.20
1944 Splendens. The popular sort. Tall growing plants with bright scarlet flowers; height, 3 feet	1/4 oz. 50c.	.30 .10
1937 King of Carpets. Exceedingly dwarf growing plants with hardly any foliage and all flowers; color, brightest scarlet; very showy and distinct	.40	.20
1935 Elegans. Flat bushes with erect flower spikes covered literally with bright scarlet flowers		.25
1936 Drooping Spike. Long drooping spikes of brilliant scarlet flowers; 3 feet	.30	.10
1938 Lord Fauntleroy. A new dwarf variety, very compact with bright scarlet flowers	.40	.15
1942 Silver Spot. Beautiful silver-spotted foliage with brilliant scarlet flowers	.30	.10
1940 Patens. Bright blue flowers of large size; height, 2 feet	.40	.15
1931 Compacta Alba. Novelty 1911, a dwarf growing variety with pure white flowers		.30
1945 Splendens Aurea. Novelty 1911, canary-yellow flowers on stately plants		.25

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.





Shirley Poppies

## MICHELL'S BRILLIANT POPPIES

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown where they are to remain, as they do not stand transplanting.

### SINGLE POPPIES

	Large pkt.	Pkt.
1772 <b>Burbank's Fancy Shirley.</b> A strain producing flowers with exquisitely frilled edges and in the most brilliant assortment of colors.....	\$0.30	\$0.15
1773 <b>Michell's Shirley.</b> A bed of these poppies produces a gorgeous effect in the garden; large flowers with brilliant colors .....	.40	.05
1764 <b>Admiral.</b> Large flower of pure white with broad band of scarlet at edge of each petal...	.50	.10
1765 <b>Danebrog.</b> Flowers brilliant scarlet with a silvery-white spot on each petal; 2 feet.....	.25	.05
1769 <b>Maid of the Mist.</b> Large white flowers beautifully fringed; 3 to 4 feet .....	.30	.10
1771 <b>Miss Sherwood.</b> Satiny white with upper half of corolla chamois rose .....	.40	.10
1775 <b>Tulip.</b> A beautiful poppy, resembling a large tulip; color a dazzling scarlet; 1 foot .....	.50	.10
1777 <b>Umbrosum.</b> Rich vermilion with a deep shining black spot on each petal; 2 feet .....	.25	.05

### DOUBLE POPPIES

Deep massive heavy flowers on long erect stout stems; splendid for cutting while in bud.	Oz.	Pkt.
1743 <b>Carnation Flowered.</b> Double fringed flowers, mixed .....	\$0.20	\$0.05
1745 <b>Crimson King.</b> Flowers perfectly round, crimson; 2 feet .....	.25	.05
1747 <b>Fairy Blush.</b> Flowers white, elegantly fringed and tipped with rose; 2 feet .....	.25	.05

### DOUBLE POPPIES (Continued)

	Oz.	Pkt.
1751 <b>Mikado</b> ( <i>Striped Japanese</i> ). Double fringed flowers, white striped with crimson; 18 inches .....	.25	.05
1753 <b>Paeony Flowered White</b> .....	.25	.05
1755 <b>Paeony Flowered Yellow.</b> Very fine .....	.25	.05
1752 <b>Paeony Flowered Scarlet</b> .....	.25	.05
1757 <b>Paeony Flowered Mixed.</b> Immense double flowers resembling a Paeony; 2 feet .....	.20	.05
1759 <b>Double Shirley.</b> Double large flowers, mixed colors .....	.25	.05
1763 <b>Imported Collection.</b> Double Paeony flowered; 6 varieties .....		.25

### 1650 PERILLA NANKINENSIS

Large pkt. Pkt.

Ornamental plants with dark purple foliage; 2 feet...\$0.15 \$0.05

### PYRETHRUM

Foliage plants used for edging of ornamental beds; leaves are finely cut and of a golden yellow color.

Large pkt. Pkt.

1860 <b>Aureum</b> ( <i>Golden Feather</i> ). Bright golden foliage; 8 inches .....	Oz. 40c.	\$0.15	\$0.10
1864 <b>Selaginoides.</b> Leaves very finely cut .....	.20		.10



Single Portulaca

### PORTULACA

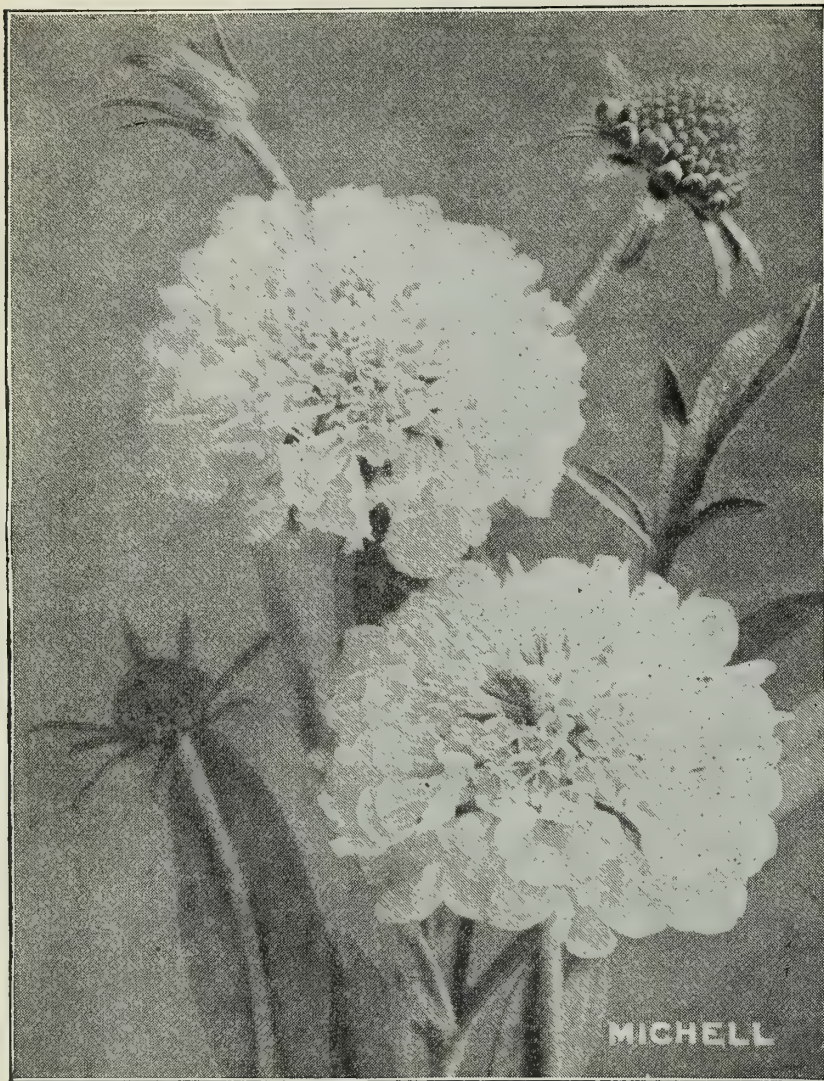
Dwarf-growing plants of easy culture; thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors; 4 inches.

Pkt.

1795 <b>Double Mixed.</b> All colors .....	1/4 oz., \$0.75 (Large pkt., \$0.50)	\$0.10
1797 <b>Single Mixed.</b> All colors..oz., .35 (Large pkt., .15)		.05

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.





*Scabiosa, Grandiflora*

### SCABIOSA (Mourning Bride)

Of easiest culture, these flowers should be in every collection; splendid for cutting or garden effect; keep seed-pods always removed.

#### TALL GROWING VARIETIES

	Large pkt.	Pkt.
1951 <b>Azure Fairy.</b> Light heavenly blue .....	\$0.20	\$0.10
1953 <b>Fiery Scarlet</b> .....	.15	.05
1955 <b>King of Blacks.</b> Deep maroon, almost black... ..	.15	.05
1957 <b>Pompadour.</b> Deep purple .....	.15	.05
1959 <b>Sulphur Yellow</b> .....	.15	.05
1961 <b>Pure White</b> .....	.15	.05
1966 <b>Othello.</b> Dark purple .....	.20	.10
1964 <b>Finest Mixed</b> .....	oz. 35c. .15	.05
1962 <b>Dwarf Double Mixed.</b> Plants grow but 12 ins. high; all colors .....	oz. 30c. .15	.05

### SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly like flowers of various colors, closely resembling some species of Orchids; also desirable for winter blooming in pots.

1968 <b>Grahami Niveus.</b> A new variety with finely cut foliage, with a profusion of snowy white flowers; 2 feet .....	\$0.50	\$0.15
1970 <b>Hybridus Grandiflorus.</b> Free flowering, plants covered with flowers of many shades, of orchid-like appearance; 12 inches .....	.40	.15
1971 <b>Wisetonensis.</b> A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre .....	.65	.20
1972 <b>Mixed.</b> Various colors .....	.15	.05



### SUNFLOWER (*Helianthus*)

#### SMALL FLOWERED SORTS

	Large pkt.	Pkt.
2087 <b>Starlight.</b> Beautiful single canary-yellow flowers with twisted petals; 4 feet .....		\$0.20
2070 <b>Cucumerifolius.</b> Single small yellow flowers; oz. 25c. ....	\$0.15	.05
2072 <b>Cut and Come Again.</b> Single yellow flowers with twisted petals .....	.20	.10
2082 <b>Perkeo.</b> Single yellow flowers; 1 foot .....	.20	.10
2088 <b>Stella.</b> Single golden with black centre; oz. 30c. ....	.15	.05
2071 <b>Cucumerifolius, Red (New).</b> All shades of pink and red, single flowers; 4 feet .....		.25

#### LARGE FLOWERED SORTS

2068 <b>Chrysanthemum Flowered.</b> Large double extremely well filled flowers of purest golden on dwarf bushy plants; 3 feet .....	oz. 30c. .15	.05
2074 <b>Double Globe.</b> Large double yellow flowers on branching tall plants; height, 6 feet; oz. 25c. ....	.15	.05
2076 <b>Dwarf Double.</b> Yellow flowers; 3 feet; oz. 25c. ....	.15	.05
2080 <b>Oscar Wilde.</b> Single yellow, black centre; 6 feet .....	oz. 25c. .15	.05
2084 <b>Polar Star.</b> Single, creamy white, black centre .....	.20	.10
2086 <b>Russian Mammoth.</b> Immense single yellow flowers on tall heavy stalks; 6 feet; oz. 10c. ....		.05

### SENSITIVE (*Minosa Pudica*)

1975 Interesting annual plants with pinkish-white flowers; leaves droop when shaken; 18 inches .....	.15	.05
<b>Shamrock.</b> (See page 80 D)		
<b>Smilax.</b> (See page 80 D)		
<b>Solanum.</b> (See page 80 D)		
<b>Statice.</b> (See page 83)		

### STEVIA

2000 <b>Serrata.</b> Free blooming for summer or winter; profusion of fragrant white flowers; 2 feet... ..	.20	.10
<b>Stipa Pennata.</b> (See page 83)		

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# MICHELL'S "DISTINCTIVE" STOCKS



Stocks—Michell's Flower Market

## VARIOUS STOCKS

- |      |                                      |  |                  |             |
|------|--------------------------------------|--|------------------|-------------|
| 2025 | Wall Flowered Leaved.                | Glossy deep green foliage with flowers in all shades.  | Lge. pkt. \$0.30 | Pkt. \$0.10 |
| 2037 | Brompton or Winter.                  | Fine for forcing under glass or early summer flowering outdoor   | .40              | .10         |
| 2039 | Excelsior.                           | Colossal spikes with giant flowers of purest white; only one spike to a plant. Per original packet.  |                  | 1.00        |
| 2043 | Princess Alice (Cut and Come Again). | Branching plant with double pure white flowers; fine for cutting; 1/8 oz., 50c.  | .40              | .10         |
| 2029 | Abundance (see illustration).        | Of dwarf, spreading habit, bearing a great profusion of flowers; the mass of bloom often measuring one and a half feet across; color a beautiful shade of carmine rose | .40              | .25         |
| 2031 | Bismarck.                            | Of pyramidal form with a profusion of fragrant, pure white flowers.  | Large pkt. .40   | Pkt. .15    |
| 2047 | Virginian Stock Mixed.               | A splendid free flowering plant, growing easily from seed sown outdoor   | 1/2 oz. 30c.     | .15 .05     |

Stokesia. (See page 80 A)

There are far too few fragrant flowers, particularly when the fragrance is pleasing; stocks enjoy the reputation of having the most pleasing fragrance save the violet; some varieties are splendid for borders, others for cutting and some for both purposes. To get the best results, sow from February till April in the house and transplant to small pots before setting out. The seeds we offer are hand-saved from pot-grown specimen and will produce a large percentage of double flowers.

## MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	1/8 Oz.	Large pkt.	Pkt.
2053 White	\$1.00	\$0.40	\$0.15
2051 Flesh Color	1.00	.40	.15
2052 Rose	1.00	.40	.15
2050 Light Blue	1.00	.40	.15
2049 Dark Blue	1.00	.40	.15
2048 Blood Red	1.00	.40	.15
2054 Mixed Colors	1.00	.40	.15

## MICHELL'S "DISTINCTIVE" COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

	1/8 Oz.	Large pkt.	Pkt.
2027 Blood Red	\$1.00	\$0.40	\$0.15
2028 Pure White	1.00	.40	.15

## MICHELL'S "NICE" STOCK

An early flowering strain, producing an abundance of flowers on a single plant; fine for garden bedding or cutting.

2035	Beauty of Nice.	Delicate soft pink	\$0.40	\$0.15
2036	Crimson King.	Brilliant fiery crimson	.40	.20
2038	Queen Alexandra.	Delicate lavender	.40	.15
2034	Victoria.	Pure white	.40	.15

## LARGE FLOWERED DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact growing plants, produce thick short spikes of elegant double flowers.

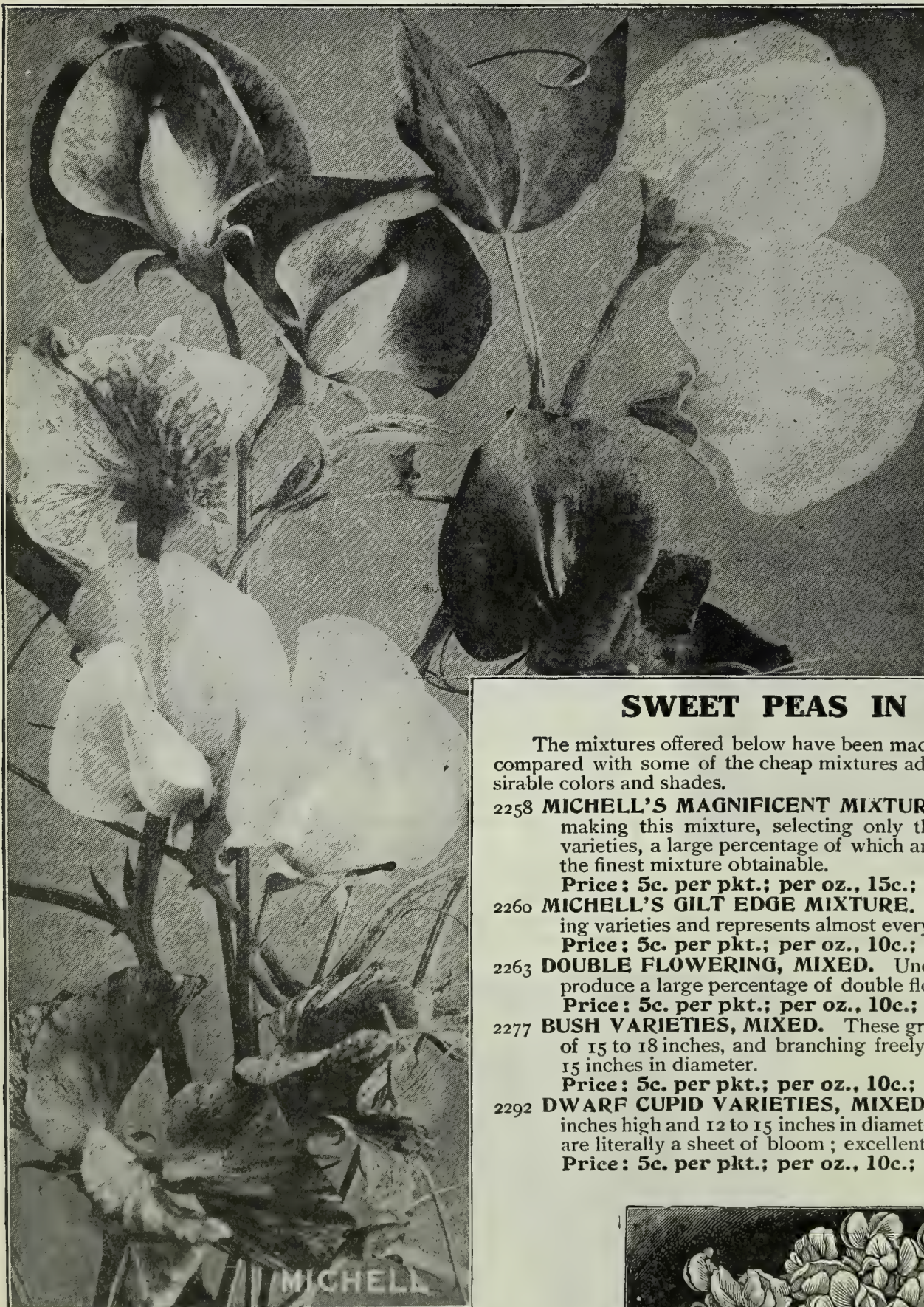
	1/8 Oz.	Large pkt.	Pkt.
2010	Blood Red	\$0.50	\$0.30 \$0.10
2012	Light Blue	.50	.30 .10
2014	Pink	.50	.30 .10
2016	Purple	.50	.30 .10
2018	White	.50	.30 .10
2020	Yellow	.50	.30 .10
2022	Choice Mixed	.50	.30 .10
2023	Imported Collection.	8 varieties	.50



Stock Abundance



# MICHELL'S SUPERB SWEET PEAS



*Michell's Magnificent Sweet Peas*

## NITRO-CULTURE FOR SWEET PEAS

This wonderful new discovery for treating Sweet Pea seed before sowing will produce **larger flowers**, encourage flowering for a longer period and will cause earlier blooming. Price, per trial package, 25c.; 50c. for a larger package (postpaid). For full particulars, see page 154

Orange, Va.

Dear Sirs:

*I must say that in an experience of 30 years in growing Sweet Peas I never before had such strong growth of vines, united with such persistent blooming and fine flowers.*

*Yours respectfully,  
P. S.*

Lumberton, N. J.

Gentlemen:

*At the two Sweet Pea exhibitions held in this place the prizes awarded were to parties that grew the Sweet Peas from seed procured at your store.*

*Very respectfully,  
C. S. R.*

## SWEET PEAS IN MIXTURE

The mixtures offered below have been made up by ourselves and must not be compared with some of the cheap mixtures advertised which contain many undesirable colors and shades.

2258 **MICHELL'S MAGNIFICENT MIXTURE.** Great care has been taken in making this mixture, selecting only the large flowering, long stemmed varieties, a large percentage of which are of the lighter colors and shades; the finest mixture obtainable.

Price: 5c. per pkt.; per oz., 15c.; 30c. per 1/4 lb.; per lb., 90c.

2260 **MICHELL'S GILT EDGE MIXTURE.** This mixture contains large flowering varieties and represents almost every color and shade in Sweet Peas.

Price: 5c. per pkt.; per oz., 10c.; 20c. per 1/4 lb.; per lb., 60c.

2263 **DOUBLE FLOWERING, MIXED.** Under favorable conditions these will produce a large percentage of double flowers of great beauty.

Price: 5c. per pkt.; per oz., 10c.; 25c. per 1/4 lb.; per lb., 75c.

2277 **BUSH VARIETIES, MIXED.** These grow in perfect bush form to a height of 15 to 18 inches, and branching freely so that the bushes are often 12 to 15 inches in diameter.

Price: 5c. per pkt.; per oz., 10c.; 25c. per 1/4 lb.; per lb., 75c.

2292 **DWARF CUPID VARIETIES, MIXED.** Compact plants, growing 6 to 7 inches high and 12 to 15 inches in diameter, and from June until late summer are literally a sheet of bloom; excellent for edgings or pot culture.

Price: 5c. per pkt.; per oz., 10c.; 25c. per 1/4 lb.; per lb., 75c.



*Dwarf Cupid Sweet Peas*



# MICHELL'S SELECTED NAMED SWEET PEAS

## STANDARD VARIETIES

The varieties we offer below have been selected from a large list and embrace only the very best large flowering sorts, and for freedom of bloom, size of flowers and length of stem cannot be surpassed.

For the convenience of our customers we have arranged the different varieties according to color.

Our Booklet "How to Grow Sweet Peas" included in all orders if requested.

### WHITE

		Oz.	¼ lb.	Lb.
2106	Blanche Burpee. Large, pure white..	\$0 10	\$0 25	\$0 75
2136	Dorothy Eckford. Extra large, white..	10	25	75
2150	Emily Henderson. Pure white.....	10	25	75
2202	Mont Blanc. Early; pure white.....	10	25	75
2256	White Wonder. Many flowered, white	10	25	75

### PRIMROSE AND YELLOW

2162	Hon. Mrs. E. Kenyon. Primrose yellow	10	25	75
2250	Stella Morse. Primrose, flushed pink	10	25	75

### ROSE AND PINK

2098	Apple Blossom. Bright rose and pink	10	25	75
2110	Blanche Ferry. Pink and white .....	10	25	75
2114	Blanche Ferry. ( <i>Extra Early</i> ).....	10	25	75
2146	Earliest of All. Pink and white.....	10	25	75
2164	Janet Scott. Deep pink.....	10	25	75
2166	Katherine Tracy. Soft but brilliant pink	10	25	75
2186	Lovely. Soft shell pink.....	10	25	75
2222	Prima Donna. Lovely soft pink.....	10	25	75
2226	Prince of Wales. Rose crimson.....	10	25	75
2234	Royal Rose. Deep rosy pink.....	10	25	75

### ORANGE AND SALMON

2158	Henry Eckford. Salmon orange.....	10	25	75
2194	Miss Willmott. Deep orange pink.....	10	25	75
2254	Venus. Salmon buff, shaded pink.....	10	25	75

### LAVENDER AND BLUE

2134	Countess of Radnor. Pale lavender	10	25	75
2170	Lady Grisel Hamilton. Pale lavender	10	25	75
2208	Mrs. Geo. Higginson, Jr. Lavender.	10	25	75
2212	Mrs. Walter Wright. Deep mauve.....	10	25	75
2151	Flora Norton. Delicate lavender.....	10	25	75

### CRIMSON AND SCARLET

2128	Coccinea. Cherry red.....	10	25	75
2168	King Edward VII. Crimson scarlet....	10	25	75
2228	Queen Alexandra. Large scarlet.....	15	30	75
2248	Salopian. Scarlet.....	10	25	75

### BLUE AND PURPLE

2122	Captain of the Blues. Standard light purple, wings lavender.....	10	25	75
2130	Countess Cadogan. Reddish mauve, wings violet blue.....	10	25	75
2142	Duke of Westminster. Standard clear purple, wings violet.....	10	25	75
2214	Navy Blue. Deep violet blue.....	10	25	75

### MAROON

2105	Black Knight. Deep maroon.....	10	25	75
2218	Othello. Very dark maroon.....	10	25	75

### STRIPED AND MOTTLED

2095	America. Blood red striped on white	10	25	75
2102	Aurora. Orange rose striped on white	10	25	75
2182	Lottie Eckford. White shaded and edged with lavender.....	10	25	75



Sweet Peas—King Edward VII

### SPECIAL COLLECTIONS OF SWEET PEAS

One packet each of any 14 named varieties on this page, \$0.50  
 One ounce each of any 14 named varieties on this page, 1.00  
 One packet each of the foregoing 38 varieties offered for 1.40  
 One ounce each of the foregoing 38 varieties offered for 2.75

## WINTER FLOWERING SWEET PEAS

*Originated by Ant. C. Zvolanek.*

The following varieties can be successfully grown outdoors in summer, but are especially desirable for forcing in greenhouse for winter blooming.

	Pkt.	Oz.	¼ lb.
2125 Christmas Captain. Blue and purple	\$0 15	\$0 35	\$1 00
2127 Christmas Pink. Pink and white.....	15	35	1 00
2129 Christmas White. (Florence Denzer)...	15	35	1 00
2174 Le Marquis. Large, dark blue.....	15	35	1 00
2203 Mrs. Alex. Wallace. Lavender.....	15	35	1 00
2206 Mrs. Chas. H. Toddy. Lavender.....	15	35	1 00
2207 Mrs. Edie Wild. Carmine red.....	15	35	1 00
2209 Mrs. F. J. Dalansky. Pink.....	15	35	1 00
2210 Mrs. Geo. Lewis. Pure white.....	15	35	1 00
2211 Mrs. W. W. Smalley. Satin pink.....	15	35	1 00
2213 Mrs. William Sim. Salmon pink.....	15	35	1 00
2264 Mixed. All colors.....	15	35	1 00

Price, any of the above Varieties 5c. per packet

One packet each of the above 12 Winter Flowering Varieties for \$1.50; 1 oz. of each for \$4.00.



MICHELL'S SUPERB "SPENCER" MIXTURE  
SWEET PEAS



For separate varieties  
of Sweet Peas  
see opposite  
and preceding pages

MICHELL'S SUPERB "SPENCER" SWEET PEAS

	Per pkt.	Per oz.	Per ¼ lb.	Per lb.
Mixture of all colors	10c	20c	60c	\$2.00



# MICHELL'S "NEW SPENCER" SWEET PEAS

## THE TRIUMPH OF HORTICULTURE

Nothing within recent years can approach in importance the introduction of the "Spencer" Sweet Peas. Though but few years old they revolutionize all former conclusions. The characteristics of this new type is: (1) Enormous flowers (often measuring 2½ inches across) with exquisitely wavy petals. (2) Invariably four flowers to the stem. (3) Stems averaging 12 to 15 inches in length. (4) Plant, foliage, stem and flower of extraordinary robust health. Six sprays of this new Sweet Peas out-strip in appearance 25 sprays of the older kinds.

### WHITE

	Pkt.	Oz.	¼ lb.	Lb.
*2216 <b>Nora Unwin.</b> Immense flower, purest white	\$0.10	\$0.20	\$0.50	\$1.00
*2255 <b>White Spencer.</b> Clear white	.10	.20	.50	1.20
2201 <b>Mrs. Sankey Spencer.</b> Black seeded, pure white	.15	.40	1.25	4.00

### LIGHT PINK

*2135 <b>Countess Spencer.</b> The leading and best pink	.10	.20	.50	1.50
*2152 <b>Gladys Unwin.</b> Delicate pink	.05	.15	.40	1.25
*2156 <b>Florence Morse Spencer.</b> Delicate blush	.10	.25	.60	2.25
2187 <b>Lovely Spencer.</b> Delicate salmon pink	.15	.30	1.00	3.50
2249 <b>W. T. Hutchins.</b> Apricot pink	.15	1.50		
2205 <b>Mrs. Alfred Watkins.</b> Pale pink	.10	.15	.40	1.25
2199 <b>Mrs. Routzahn Spencer.</b> Buff pink	.15	.30	1.00	3.50
2104 <b>Beatrice Spencer.</b> Soft pink on white ground	.15	.30	1.00	3.50
2157 <b>Helen Lewis.</b> Orange pink	.10	.15	.40	1.25
2191 <b>Martha Washington (New).</b> Pearl white, flushed with pink deepening towards the edges	.25			

### DEEP PINK OR ROSE

*2165 <b>John Ingman.</b> Deep rose	.05	.15	.30	1.00
*2161 <b>Geo. Herbert.</b> Rose pink	.10	.20	.50	1.50
*2099 <b>Apple Blossom Spencer.</b> Deep pink	.10	.30	1.00	3.00
2220 <b>Phyllis Unwin.</b> Carmine rose	.10	.15	.30	1.00
2189 <b>Marie Corelli.</b> Rich rose crimson	.15	1.25	4.00	
2149 <b>E. J. Castle.</b> Carmine rose	.10	.20	.50	1.50

### LAVENDER

*2100 <b>Asta Ohn Spencer.</b> Rich lavender	.15	.30	1.00	3.50
*2155 <b>Flora Norton Spencer.</b> Light lavender	.15	.30	1.00	3.50
*2153 <b>Frank Dolby.</b> Mauve lavender	.10	.20	.60	2.00
2248 <b>Tennant Spencer.</b> Lavender	.15	.30	1.00	3.50
2147 <b>Florence Nightingale (New).</b> The largest and best lavender	.25			

### DEEP BLUE

*2124 <b>Captain of the Blues Spencer.</b> Deep blue	.15	.30	1.00	3.50
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### SCARLET

*2169 <b>King Edward Spencer.</b> Bright crimson	.10	.30	1.00	3.50
2137 <b>Doris Burt (New).</b> Brilliant scarlet	.25			

### MAROON

2219 <b>Othello Spencer.</b> Deep maroon	.15	.40	1.40	4.00
2139 <b>Douglas Unwin.</b> Deep maroon	.25	1.25		

### YELLOW

2224 <b>Primrose Spencer.</b> Light yellow	.10	.20	.50	1.50
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### STRIPED AND FLAKED

2103 <b>Aurora Spencer.</b> White flaked salmon	.15	.40	1.40	4.00
2159 <b>Helen Pierce.</b> White mottled blue	.10	.15	.40	1.25
2244 <b>Senator Spencer.</b> Heliotrope, striped claret	.15	.60	2.00	
2227 <b>Ramona Spencer.</b> White, flushed pink	.15	.40	1.40	4.00
2145 <b>Ethel Roosevelt (New).</b> Gigantic flower of soft primrose, flaked daintily with crimson	.25			



New Spencer Sweet Peas

## MICHELL'S "SUPERB SPENCER" MIXTURE

Pkt. Oz. ¼ lb. Lb.

We blend this ourselves from only the choicest varieties known; this we know will give absolute satisfaction.....\$0.10 \$0.20 \$0.60 \$2.00

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



**SWEET SULTAN** (*Centaurea Moschatus*)

Resemble Bachelor Buttons; fragrant; purple and white.

Large pkt. Pkt.

2305 Mixed Colors .....oz. 30c. \$0.15 \$0.05

Sweet Rocket. (See page 80 A)

Sweet William. (See page 80 A)

**TAGETES** (Single Marigold)

2320 Golden Ring. Dwarf bushy plants, flowers single, dark brown, edged yellow; 1 foot..... .20 .05

Thunbergia. (See page 82)

**TORENIA**

Showy bedding plants, flowering profusely all summer; flowers resemble pentstemon; height, 12 inches.

Large Pkt. Pkt.

2337 Fournieri Grandiflora. Sky-blue flowers, with dark blue spots and yellow throat .....\$0.40 \$0.10

Tritoma, Red Hot Poker. (See page 80 A)

Valerian. (See page 80 A)

Veronica, Speedwell. (See page 80 B)

**VINCA ROSEA** (Madagascar Periwinkle)

Dwarf bedding plants with deep green glossy foliage and bright single blossoms of striking beauty; sow early.

Large pkt. Pkt.

2375 Alba. White with rose eye .....\$0.20 \$0.10

2376 Alba Pura. Pure white ..... .20 .10

2377 Rosea. Rose with dark eye ..... .20 .10

2378 Mixed .....oz. 60c. .20 .10

Viola Cornuta. (See page 80 B)

Viola Sweet. (See page 80 B)



Michell's Mammoth Fancy Verbena

**VERBENA**An excellent annual for beds and massing. Our *Mammoth Fancy Strain* cannot be surpassed for profusion of bloom.**MICHELL'S MAMMOTH FANCY**

Large pkt. Pkt.

2355 Blue .....oz. \$2.00 \$0.40 \$0.10

2357 Pink .....oz. 2.00 .40 .10

2359 Scarlet .....oz. 2.00 .40 .10

2361 Striped .....oz. 2.00 .40 .10

2363 White .....oz. 2.00 .40 .10

One packet each of the above 5 colors for 40c.

2365 Michell's Mammoth Fancy Mixed...oz. \$1.50 .40 .10

2369 Fine Mixed. All colors .....oz. .80 .25 .05

2371 Lemon Scented (*Aloysia Citriodora*). Lemon scented foliage ..... .40 .10

Wallflower. (See page 80 B)



Michell's "Distinctive" Zinnia

**MICHELL'S "DISTINCTIVE" ZINNIA**  
(Youth and Old Age)

The easiest flower to grow or bloom. Our strains are perfected to the highest possible degree. Tall varieties, 2 feet; dwarf varieties, 18 inches.

Oz. Large pkt. Pkt.

2440 Tall Double Crimson .....\$0.60 \$0.15 \$0.05

2442 " " Pink ..... .60 .15 .05

2444 " " White ..... .60 .15 .05

2446 " " Yellow ..... .60 .15 .05

2448 " " Mixed ..... .50 .15 .05

2430 Dwarf Double Jacqueminot. Rich crim-

son ..... .75 .15 .05

2432 " " Pink ..... .75 .15 .05

2434 " " White ..... .75 .15 .05

2436 " " Yellow ..... .75 .15 .05

2438 " " Mixed ..... .60 .15 .05

2454 Robusta or Giant. Flowers of immense proportion, perfectly double and of striking colors; 2½ feet .....oz. 90c. .25 .10

2453 Red Riding Hood. A most decided novelty; a perfect miniature plant with perfect little double scarlet flowers; excellent for edging; 1 foot .....oz. 75c. .20 .10

2449 Crispa (New). Petals crisped, giving the flowers an odd appearance .....oz. 60c. .20 .10

2450 Curled and Crested. Large double flowers, petals curiously curled; mixed; 18 in.; oz. 60c. .20 .10

2452 Double Pompone. Cone-shaped; mixed; oz. 60c. .20 .10

2456 Tom Thumb. Choice mixed; 6 to 12 inches; oz. 75c. .25 .10

2458 Zebra or Striped. Double; 2 feet.....oz. 75c. .20 .10

2460 Single Mixed. Fine for bedding.....oz. 50c. .15 .05

2462 Imported Collection. 6 dwarf double varieties .25

2464 Imported Collection. 6 tall double varieties... .25

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# Hardy Perennial or Old Fashioned Flowers

Under this heading we have classified all plants which require the following cultural directions: Sow outdoors from June till September in well prepared seed beds, keep beds partially shaded until seeds have germinated; transplant late in fall into their permanent quarters and protect during winter with a light litter of straw or leaves. They will flower and perfect the second year and reappear each successive year in better grandeur. They have become extremely popular of late years, reviving the old-fashioned gardens of grandmother's time. With a proper assortment and a single planting one can build an effective garden to last for years without additional expense. For a complete assortment of plants, see pages 97 to 104.

## ACHILLEA (Milfoil or Yarrow)

- 20 **Ptarmica, Fl. Pl., "The Pearl."** Tall erect plant bearing its pure white double flowers in great profusion all summer; 2 feet ..... Large pkt. Pkt. \$0.30 \$0.10

## ACONITUM (Monk's Hood or Helmet Flower)

Bushy clumps thriving best in semi-shady situations; flowers in clusters of both blue and white; height, 4 feet; Aug.-Sept.

- 25 **Nappellus, Blue** ..... Large pkt. Pkt. \$0.25 \$0.05  
27 " **White** ..... .40 .05

## ADONIS

- 42 **Vernalis (Ox Eye).** One of the choicest spring flowering plants, 12 inches high with finely cut, ornamental foliage, yellow flowers ..... .15 .05

## AGROSTEMMA

- 66 **Coronaria (Mullein Pink).** Stout erect growing plants with silvery foliage and bright crimson flowers; 2½ to 3 feet; July and August ..... .15 .05

## ANCHUSA (Sea Bugloss)

- 102 **Italica Dropmore.** A strong growing plant, 4 feet high, with rough hairy foliage and long heads of bright blue flowers the whole season.. .40 .15

## ANEMONE (Windflower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting. Large pkt. Pkt.

- 105 **Coronaria Mixed.** 2 feet; all colors ..... \$0.20 \$0.05  
107 **St. Brigid, or Poppy.** Flowers of large size with distinct rainbow rings in centre ..... .40 .15

## ARABIS (Rock Cross)

- 144 **Alpina.** Early spring Flowering plant especially dapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; May; 6 inches ..... .20 .05

## ALYSSUM (Gold Tuft)

- 72 **Saxatile Compactum.** An ideal plant for the spring garden, flowering in May; plants form dense little plants with silvery foliage which during the flowering period is entirely hidden by the golden yellow flowers ..... Oz. 50c. .15 .05

## AURICULA (Primula Auricula)

- 410 **Choice Mixed.** These early flowering plants resemble primroses and have multi-colored flowers in great variety; 1 foot; May ..... .50 .10



Long Spurred Aquilegias

## AQUILEGIAS OR COLUMBINES

An elegant, graceful, beautiful spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

- Large pkt. Pkt.  
139 **Long Spurred Hybrids.** A great assortment of all varieties possessing long spurs ..... \$0.40 \$0.10  
129 **Canadensis.** Scarlet and yellow ..... .25 .05  
130 **Chrysantha.** Bright golden yellow ..... .25 .10  
131 " **Alba.** Purest white ..... .30 .10  
128 **Californica Hybrida.** All colors, long spurs.... .25 .10  
132 **Coerulea (Rocky Mountain Columbine).** Large flowers, violet blue and white ..... .40 .10  
136 **Glandulosa Vera.** Lavender and white ..... .40 .15  
133 **Haylodgensis Delicatissima.** Satiny rose ..... .50 .20  
137 **Nivea Grandiflora.** Pure white ..... .15 .05  
138 **Rose Queen.** Pink, white centre ..... .50 .20  
134 **Single Mixed** ..... Oz. 35c. .15 .05  
135 **Double Mixed** ..... Oz. 35c. .15 .05

## ASPERULA (Woodruff)

- 165 **Odorata.** Dwarf spring flowers of purest white, thrives in shady situations; 1 foot; May ..... .20 .05

## PERENNIAL ASTER (Michaelmas Daisy)

- 328 **Choice Mixed.** The showiest of our late flowering plants and very effective if planted in groups of colors. The bushy plants are surmounted with hundreds of star-like single aster-like flowers ..... .30 .10

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# HARDY PERENNIALS OR OLD FASHIONED FLOWERS



Canterbury Bell

## CAMPANULAS OR BLUE BELLS

These splendid flowers appear in many forms; some creeping, others dwarf and bushy, and others with medium or tall stately spikes; all have dainty bell-shaped flowers in several colors.

	Large pkt.	Pkt.
538 <b>Carpatica, Blue</b> ( <i>Carpathian Hair Bell</i> ). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July .....	\$0.15	\$0.05
539 <b>Carpatica, White</b> . Same as above .....	.15	.05
547 <b>Persicifolia Grandiflora, Blue</b> ( <i>Peach Bells</i> ). Stately spikes, 4 feet tall with immense blue bell-shaped flowers .....	.30	.15
548 <b>Persicifolia Grandiflora, White</b> . Same as above .....	.30	.15
549 <b>Pyramidalis</b> ( <i>Chimney Bell Flower</i> ). Perfect pyramids 6 feet high crowded with large bell-shaped flowers of deep blue .....	.20	.05

## CAMPANULA MEDIA (Canterbury Bell)

	Oz	Large Pkt.	Pkt.
543 Single Blue .....	\$0.50	\$0.15	\$0.05
544 " Pink .....	.50	.15	.05
553 " White .....	.50	.15	.05
550 " Mixed .....	.50	.15	.05
551 Double Mixed .....	.40	.20	.05

## CAMPANULA CALYCANTHEMA

(Cup and Saucer)

545 White .....	.30	.10
588 Pink .....	.30	.10
586 Blue .....	.30	.10
546 Mixed .....	1/4 oz. 50c.	.25 .10

## BAPTISIA (False Indigo)

442 <b>Australis</b> . A strong growing plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue, flowers in June and July..	.20	.05
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## BOLTONIA (False Chamomile)

481 <b>Latisquama</b> . A tall, late flowering plant with aster-like flowers of pinkish lavender; 6 feet; September .....	.30	.10
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## CALLIOPSIS (Coreopsis)

540 <b>Lanceolata Grandiflora</b> . Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer; oz. 50c. ....	.15	.10
541 <b>California Sunbeams</b> . Very large flowers beautifully formed; various shades of yellow and brown .....	.25	.10

## CANDYTUFT (Iberis)

570 <b>Sempervirens</b> . Dwarf spring flowering plants ideal for the bulb border, flowers of glistening white, May, 8 inches .....	1/4 oz. 50c.	.20 .10
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Centaurea Montana

## CENTAUREA (Hardheads)

Flowers resembling Cornflowers, splendid for cutting; entire summer; 18 inches.

	Large pkt.	Pkt.
655 <b>Montana</b> . Blue .....	\$0.30	\$0.10
657 " Alba. White .....	.30	.10

## CHRYSANTHEMUM HARDY

The single varieties represent the hardy daisies, while the double varieties are the old-fashioned chrysanthemums.

666 <b>Comtesse de Chambord</b> ( <i>Golden Paris Daisy</i> ). Single, beautiful clear yellow daisy .....	\$0.20	\$0.10
667 <b>Frutescens Grandiflorum</b> ( <i>Paris Daisy or Marguerite</i> ). Single flowers, white with yellow eye .....	.20	.10
671 <b>Shasta Daisy, "Alaska"</b> . The finest of all; single white flowers on long stems; 2 feet ....	.65	.20
675 <b>Princess Henry</b> . Immense white flowers, 4 inches across; 18 inches .....	.40	.10
685 <b>Japanese Hybrids</b> ( <i>Autumn Flowering Chrysanthemum</i> ). Large flowers of the finest types; an extra choice mixture; 18 inches .....	.65	.15

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# HARDY PERENNIAL OR OLD FASHIONED FLOWERS



*Delphinium, Kelway's Giants*

## DELPHINIUM (Hardy Larkspur)

Highly prepossessing plants of stately appearance; of easiest culture they are readily the most popular of all hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

- |  |            |        |
|--|------------|--------|
| 872 <b>Burbank's Hybrids.</b> Splendid assortment of colors, with extra large flowers; 4 to 5 feet....               | Large pkt. | Pkt.   |
|  | \$0.50     | \$0.25 |
| 878 <b>Kelway's Giant.</b> A strain recognized the world over as a prize-winner; 5 to 7 feet .....                   | .50        | .15    |
| 883 <b>Hybridum Mixed.</b> A splendid mixture; 4 feet; oz. 40c. ....   | .15        | .05    |
| 871 <b>Belladonna.</b> Immense spikes of delicate heavenly blue; 5 feet .....  | .65        | .25    |
| 877 <b>Formosum.</b> Deep blue; 5 feet.....  | oz. \$1.25 | .20    |
| 875 <b>Chinense Grandiflorum.</b> A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet ..... | oz. 50c.   | .15    |
| 874 <b>Chinense Grandiflorum Album.</b> Pure white flowers .....   | oz. 50c.   | .15    |
| 873 <b>Cashmerianum.</b> Dark blue; 18 inches .....  | .50        | .10    |
| 876 <b>Elatum (Bee Larkspur).</b> Rich blue; 4 feet; oz. \$1.00 .....  | .25        | .10    |
| 879 <b>Nudicaule.</b> Bright scarlet; 18 inches .....  | .50        | .10    |
| 881 <b>Zalil.</b> Sulphur yellow; 4 feet .....   | .50        | .10    |

## DICTAMNUS (Gas Plant)

- |  |            |        |
|--|------------|--------|
| 925 <b>Fraxinella.</b> Showy bushy plants 2½ feet high, rosy pink flowers, June and July ..... | Large pkt. | Pkt.   |
|  | \$0.15     | \$0.05 |

## DIANTHUS (Hardy Garden Pinks)

- |  |            |     |
|--|------------|-----|
| 917 <b>Erfurt.</b> Of dwarf, compact growth; blooms early; very fragrant; mixed colors .....         | .65        | .15 |
| 919 <b>Clove Scented.</b> Double and semi-double varieties, in beautiful colors; fragrant .....      | .40        | .10 |
| 920 <b>Latifolius Atrococcineus (Everblooming Hybrid Sweet William).</b> Double, brilliant red ..... | .25        | .10 |
| 921 <b>Pheasant's Eye.</b> Single white; fringed flowers with dark centre .....                      | oz. \$0.40 | .15 |
| 923 <b>Double Scotch.</b> Choice colors .....  | .40        | .15 |

## EDELWEISS (Gnaphallium)

- |   |     |     |
|---|-----|-----|
| 950 <b>Leontopodium.</b> The famous Alpine flower, suitable for rock work, etc.; 6 inches ..... | .40 | .15 |
|---|-----|-----|

## EUPATORIUM

- |  |     |     |
|--|-----|-----|
| 975 <b>Fraseri.</b> Tall bushy plants with loose heads of feathery white flowers; 2 feet ..... | .20 | .10 |
|--|-----|-----|



*Digitalis (Foxglove) Gloxiniaeflora*

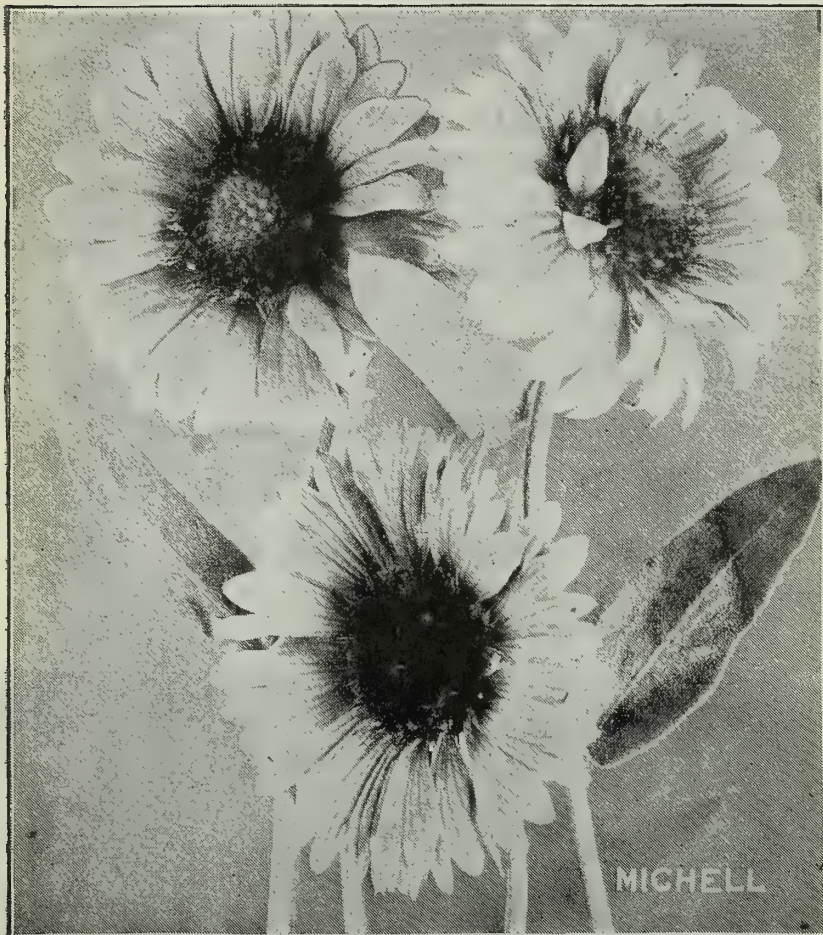
## DIGITALIS (Foxglove)

Though considered biennial they can readily be made perennial, by cutting back the flower-spikes immediately after blooming. The large leaves late in fall should be cut back severely, so to harden the plant for winter. Stately spikes, 5 to 7 feet tall; flowers early June.

- |  |            |                   |             |
|--|------------|-------------------|-------------|
| 927 <b>Gloxiniaeflora, Pink</b> .....  | oz. \$1.00 | Large pkt. \$0.15 | Pkt. \$0.10 |
| 928 " <b>Purple</b> .....  | 1.00       | .15               | .10         |
| 929 " <b>White</b> .....   | 1.00       | .15               | .10         |
| 930 " <b>Mixed</b> .....   | .75        | .15               | .05         |
| 932 <b>Monstrosa (Mammoth Foxglove).</b> The tall spikes are surmounted by one monstrous flower all colors mixed ..... | ¼ oz. 40c. | .30               | .10         |



# HARDY PERENNIALS OR OLD FASHIONED FLOWERS



*Gaillardia Grandiflora Superba*

## GAILLARDIA (Blanket Flower)

Compact tufts of silvery gray foliage with slender 2-foot spikes of gorgeously colored daisy-like flowers of immense size; flowers all summer.

	Large pkt.	Pkt.
1020 <b>Grandiflora Compacta.</b> A compact variety; choice mixed colors; 12 to 15 inches .....	\$0.20	\$0.10
1022 <b>Grandiflora Superba.</b> Splendid mixed, 2 feet; oz. 50c. ....	.15	.10
1021 <b>Grandiflora Sanguinea.</b> Blood red flowers; 2 feet .....	.40	.15
1030 <b>Sulphurea Oculata.</b> Sulphur yellow, maroon eye .....	.30	.10
1029 <b>Semi-Double.</b> Golden yellow tinged maroon..	.30	.15

## GENTIANA (Blue Gentian)

1035 <b>Acaulis.</b> A dwarf plant, deep blue flowers; suited to moist, shady situations .....	.20	.10
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## GLAUCIUM (Horn Poppy)

1050 <b>Luteum.</b> Long, recurved silvery leaves; flowers, orange yellow, bell-shaped and drooping; 2 ft. ....	.15	.05
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## GYPHOPHILA (Baby's Breath)

1105 <b>Paniculata.</b> Dainty little miniature flowers of pure white, borne on bushy, branching plants; excellent for cutting to mix with Sweet Peas; 2 feet; July .....	oz. 40c.	.15	.05
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## HELENIUM (Sneeze-Wort)

1108 <b>Autumnale Superbum.</b> Succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall .....	.30	.10
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## HELIOPSIS (Orange Sunflower)

1112 <b>Pitcheriana.</b> Producing an abundance of deep orange yellow flowers, the entire summer; excellent for cutting; 3 to 4 feet.....oz. 50c. ....	.15	.10
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## HEUCHERA (Alum Root)

1125 <b>Sanguinea.</b> Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot .....	.40	.10
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## HIBISCUS (Marshmallow)

Showy, ornamental plants, having large sized, beautifully bell-shaped flowers.

	Large pkt.	Pkt.
1130 <b>Crimson Eye.</b> Large white flowers with crimson centre; 4 feet .....	oz. 60c.	\$0.15 \$0.10
1132 <b>Golden Bowl.</b> Giant yellow, maroon centre; 3 feet .....	.20	.10
1134 <b>Palustris.</b> Large pink flowers; 3 feet .....	.20	.05

Hollyhocks. (See page 79)

## HONESTY (Moonwort, Satin Flower)

1165 <b>Admired</b> for its silvery seed pods, which are used for ornamental purposes; 2 feet .....	.15	.05
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## INCARVILLEA (Hardy Gloxinia)

1184 <b>Delavayi.</b> Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches..	.50	.25
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*Lathyrus (Everlasting Pea)*

## LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting.

	Oz.	Pkt.
1210 <b>Crimson.</b> Brilliant .....	\$0.40	\$0.10
1212 <b>Pink Beauty.</b> Bright rosy-pink .....	.40	.10
1214 <b>White</b> .....	.40	.10
1216 <b>Choice Mixed.</b> All colors .....	.30	.05

## LAVENDER (Lavendula Vera)

1220 <b>Well-known</b> plant bearing long spikes of fragrant blue flowers; 18 inches .....	.60	.05
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## LILY OF THE VALLEY (Convallaria Majalis)

	Large pkt.	Pkt.
1225 <b>Lovely</b> plants, bearing pure white, fragrant, bell-shaped flowers early in spring .....	\$0.25	\$0.10

## LIATRIS (Blazing Star or Gay Feather)

1227 <b>Pycnostachia.</b> Showy and attractive plants, with long spikes of rosy purple flowers; July to September; 3 to 4 feet .....	.50	.10
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Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# HARDY PERENNIALS OR OLD FASHIONED FLOWERS



Chater's Double Hollyhock

## HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

### CHATER'S IMPROVED DOUBLE HOLLYHOCK

Our strain of this is the best that can be procured; seeds saved from the most double flowers.

	Oz.	Large pkt.	Pkt.
1149 <b>Pink</b> .....	\$1.25	\$0.30	\$0.10
1150 <b>Maroon</b> .....	1.25	.30	.10
1151 <b>Red</b> .....	1.25	.30	.10
1153 <b>Salmon</b> .....	1.25	.30	.10
1155 <b>White</b> .....	1.25	.30	.10
1157 <b>Yellow</b> .....	1.25	.30	.10
1159 <b>Choice Mixed</b> .....	1.00	.25	.10
1160 <b>Single Mixed</b> .....	1.00	.15	.10
1161 <b>Imported Collection. 6 colors</b> .....			.40
1163 <b>Imported Collection. 12 colors</b> .....			.75
1146 <b>Allegheny. Semi-double; mammoth flowers, edges fringed and lacinated; mixed; oz.</b> \$1.00		.30	.10
1147 <b>Double Hybrid Ever-blooming. Immensely tall plants with big leaves; colors range from white to deep black, yellow, pink, red, purple,</b>		.50	.20
1148 <b>Single Hybrid Ever-blooming. Differ from above only in the flowers being single; oz.</b> \$1.00		.30	.15

## LOBELIA (Cardinal Flower)

- 1237 **Cardinalis.** Tall spikes of bright scarlet flowers, very showy; thrives in moist situations. Large pkt. Pkt. \$0.50 \$0.10

## LUPINS (Perennial)

- Graceful spikes with pea-shaped flowers; thrives best in semi-shade; excellent for cutting; July-August; 3 feet. Large pkt. Pkt.  
1278 **Polyphyllus Roseus.** Pink ..... \$0.40 \$0.15  
1279 **Perennial Mixed** ..... oz. 30c. .15 .05

## LYCHNIS

Of easy culture, they are most effective in beds or borders.

- 1285 **Chalcedonica (Rose Campion).** Fine scarlet cross-like flowers; 2 feet; July ..... oz. 40c. \$0.15 \$0.05  
1287 **Haageana.** Brilliant, large, orange, scarlet, pink, or crimson flowers; 1 foot; July ..... .20 .10

## LYTHRUM

- 1288 **Roseum Superbum (Rose Loose Stripe).** Plants grow 3 feet high and produce spikes of rosy flowers from July to September..... .15 .10

## MONARDA (Bee Balm) (Bergamot)

- 1382 **Didyma.** Tall plants crowned with whirls of salvia-like, deep scarlet flowers; very showy and attractive; 4 feet; July-August ..... .65 .15

## MYOSOTIS (Perennial Forget-Me-Not)

They differ from the biennial by reappearing each year in heavier plants and more numerous flowers; 8 inches; all summer.

- 1393 **Dissitiflora.** Deep green foliage and attractive deep blue flowers ..... \$0.40 \$0.10  
1403 **Palustris Semperflorens.** Dwarf; blooms the entire season; deep blue ..... .30 .10

## PAEONY

- 1534 **Mixed.** Of various colors; will bloom the third year from seed; double and semi-double ..... .30 .10

## PENTSTEMON (Beard-Tongue)

- 1643 **Barbatus Torreyi.** Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet.... .15 .10  
1646 **Digitalis.** Spikes of white flowers, with purple throat; during July and August ..... .15 .10  
1644 **Sensation.** Plants producing large spikes of Gloxinia-like flowers of the most brilliant and varied colors; 2 feet; requires protection..... .40 .15  
1645 **Mixed.** Producing large spikes of handsome flowers; 3 feet ..... .15 .05

## PERENNIAL POPPIES

- 1782 **Giant Scarlet (Bracteatum.)** Large flowers; 3 ft. (Large pkt., 20c.); pkt., 10c.

- 1784 **Iceland, Single Mixed.** Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 ins. (Large pkt., 20c.); pkt., 10c.

- 1783 **Iceland, White.** (Large pkt., 20c.); pkt., 10c.

- 1785 **Iceland, Yellow.** (Large pkt., 20c.); pkt., 10c.

- 1786 **Iceland, Double Mixed.** 1 foot. (Large pkt., 30c.); pkt., 10c.

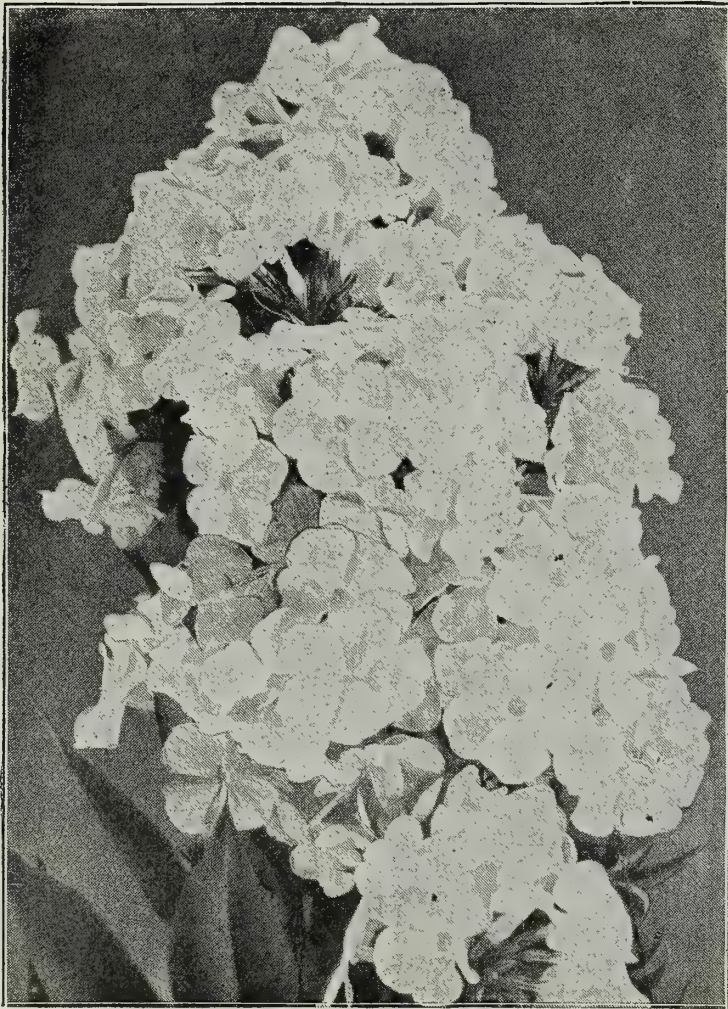


Iceland Poppies

- 1787 **Orientele.** Extra large flowers; deep scarlet... Large pkt. Pkt. \$0.25 \$0.10  
1788 **Orientele Hybrids.** Beautiful flowers, often measuring 6 inches across, of many colors..... .30 .10  
1789 **Orientele Parkmanni.** Deep crimson flowers of immense size ..... .50 .10  
1790 **Imported Collection.** Perennial poppies, 8 varieties.. .40



# Hardy Perennials or Old Fashioned Flowers



*Hardy Phlox*

## HARDY PHLOX

- 1725 **Decussata**. For a gorgeous show they are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring; ¼ oz. 60c. .... \$0.30 \$0.10

## PLATYCODON (Chinese Bell Flowers)

- 1735 **Grandiflorum, Blue**. A hardy perennial bearing a profusion of large bell-shaped flowers during the whole season; blue; 2 to 3 feet.... .15 .05  
1736 **Grandiflorum, White** ..... .15 .05

## PYRETHRUM

Fine for borders; very desirable for cutting.

- 1862 **Roseum**. Flowers bright rose color; July; 2 feet ..... .25 .10  
1866 **Uliginosum**. Large, single white flowers; September; 6 feet ..... .30 .10  
1868 **Hybridum Single Mixed**. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet ..... .20 .10  
1869 **Hybridum Double Mixed** ..... .65 .25

## RUDBECKIA (Coneflower)

- 1902 **Newmani**. Large yellow flowers with black centre; 2 feet; all summer ..... .40 .10

## HARDY PRIMROSES

Early spring blooming plants, require slight protection during winter or, still better, should be grown in frames.

1840 **Curtosoides Sieboldi**. Splendid variety in mixed colors. Large pkt. 65c., pkt. 15c.

1846 **Veris** (*English Cowslip*). Dainty flowers in all colors. Large pkt. 20c., pkt. 10c.

1848 **Vulgaris** (*English Primrose*). Canary yellow, fragrant. Large pkt. 40c., pkt. 10c.

## SALVIA

(Meadow Sage)

1927 **Azurea Grandiflora**. Plant grows 2 feet high and produces during August and September pretty sky-blue flowers. Large pkt. 30c., pkt. 10c.



*Scabiosa Caucasica*

## SCABIOSA

Handsome border plants flowering the entire season.

1950 **Caucasica**. Soft blue. Large pkt. 40c., pkt. 10c.

1948 **Caucasica Alba**. Pure white. Large pkt. 50c., pkt. 15c.

1965 **Japanica**. Lavender. Large pkt. 50c., pkt. 15c.

## POLYANTHUS

(*Primula Elatior*)

Beautiful spring flowering hardy perennials; either for pot culture or for the garden, succeeds best in partial shade; 9 inches.

1738 **Gold Laced**. Flowers of brilliant colors, with distinct yellow edge. Large pkt. 50c., pkt. 15c.

1740 **Double Mixed**. Large pkt. 65c., pkt. 15c.

1741 **English Mixed**. Single. Large pkt. 30c., pkt. 10c.

## PHYSOSTEGIA

(*False Dragon Heads*)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

1732 **Virginica**. Pink. Large pkt. 20c., pkt. 10c.

1733 **Virginica Alba**. White. Large pkt. 30c., pkt. 10c.



*Physostegia*



# Hardy Perennials or Old Fashioned Flowers



*Perennial Sunflower*

## SUNFLOWER, PERENNIAL (*Helianthus*)

Showy garden flowers blooming the whole summer.

		Large pkt.	Pkt.
2078	Golden Bouquet. Single yellow flowers, 5 feet.	\$0.25	\$0.10
2085	Red Perennial. Single purple red flowers, 6 feet	.50	.25



*Stokesia, Cyanea*

## STOKESIA (Cornflower or Stokes' Aster)

Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; July to October.

		Large pkt.	Pkt.
2055	Cyanea. Light blue	\$0.25	\$0.10
2057	Alba. Pure white	.65	.15



*Single Sweet William*

## SWEET WILLIAM (*Dianthus Barbatius*)

		Oz.	Large pkt.	Pkt.
2306	Single Crimson	\$0.40	\$0.15	\$0.05
2307	Red with white eye	.40	.15	.05
2308	Velvety Maroon	.40	.15	.05
2309	Violet with white eye	.40	.15	.05
2311	White	.40	.15	.05
2313	Pink Beauty. Fine salmon pink		.40	.15
2310	Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed	.50	.15	.05
2312	Single Mixed. All colors	.30	.15	.05
2314	Double Mixed	1.00	.20	.10

## SWEET ROCKET (*Hesperis*)

2300	Mixed. Fragrant white and purple flowers; 2 to 3 feet	.15	.05
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## TRITOMA (Red Hot Poker Plant)

2345	Uvaria Grandiflora. Large spikes of orange-scarlet flowers; 3 to 4 feet	.30	.10
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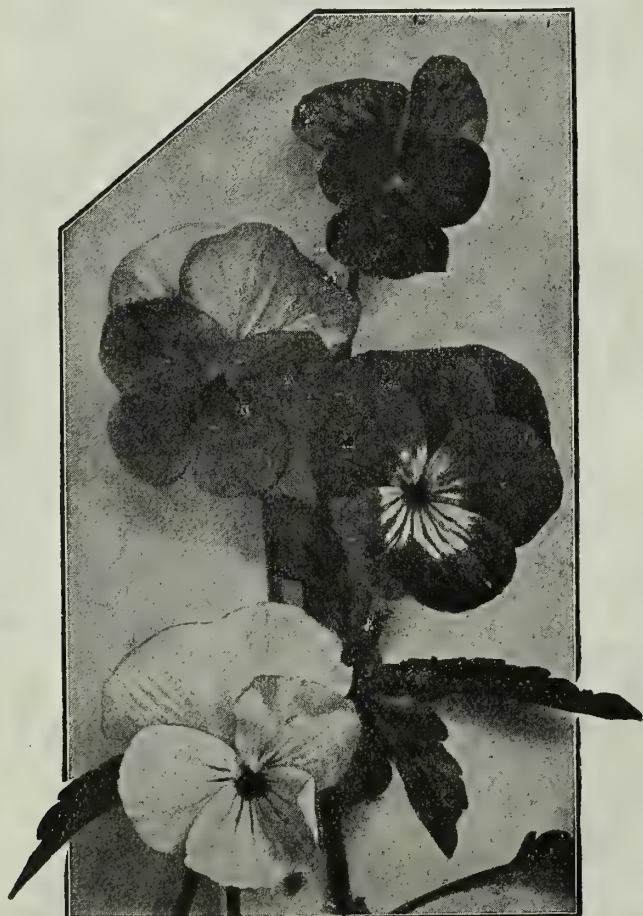
## VALERIANA (Garden Heliotrope)

2350	Hardy plants for borders, large fragrant flowers; red and white mixed, 2 to 3 feet	.15	.05
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Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



2373	<b>Spicata.</b> Long spikes of bright blue flowers; 18 inches .....	\$0.30	\$0.10
2374	<b>Virginica.</b> Long spikes of white flowers; 3 to 5 feet .....	.30	.10



2385	<b>Admiration.</b>	Dark blue	.....	\$0.30	\$0.10
2386	<b>Lutea Splendens.</b>	Rich, golden yellow	.....	.25	.10
2387	<b>Perfection.</b>	Light blue	.....	.30	.10
2388	<b>White Perfection.</b>	Pure white	.....	.30	.10

Well-known, fragrant spring-blooming plants.		Large pkt.	Pkt.
2390	<b>Single Blue Czar.</b> Dark blue .....	\$0.40	\$0.10
2392	<b>Single White Czar.</b> Large white .....	.40	.10
2394	<b>Single Mixed.</b> Blue and white .....	.40	.10



		Large pkt.	Pkt.
2400	<b>Double Brown</b> .....	\$0.50	\$0.10
2402	<b>Double Yellow</b> .....	.50	.10
2404	<b>Double Mixed.</b> All colors .....	.40	.10
2406	<b>Paris Extra Early.</b> A single variety, flowering the first year from seed; mixed .....	oz. \$0.50	.15
2408	<b>Single Mixed.</b> All colors .....	oz. .30	.15
2410	<b>Imported Collection.</b> 8 double varieties .....		.50

**Aquilegia** (*Columbine*). Single Mixed.  
**Calliopsis** (*Coreopsis*). Lanceolata Grandiflora.  
**Campanula** (*Canterbury Bell*). Pyramidalis. Mixed.  
**Delphinium** (*Larkspur*). Formosum. Blue.  
**Dianthus** (*Pink*). Clove Scented. Mixed.  
**Digitalis** (*Foxglove*). Gloxiniaeflora. Mixed.  
**Gaillardia** (*Blanket Flower*). Grandiflora Superba. Mixed.  
**Gypsophila** (*Baby's Breath*). Paniculata. White.  
**Heuchera** (*Alum Root*). Sanguinea. Crimson.  
**Hollyhock**. Chater's Double Mixed.  
**Lobelia Cardinalis** (*Cardinal Flower*). Scarlet.  
**Phlox** (*Decussata*). Hardy, Mixed.  
**Poppy** (*Orientalis*). Scarlet.  
**Pyrethrum** (*Hybridum*). Single, Mixed.  
**Scabiosa** (*Caucasica*). Lilac.  
**Stokesia** (*Cornflower Aster*). Cyanea. Blue.  
**Sweet William**. Double, Mixed.



# GREENHOUSE FLOWERS

Under this heading we classify all Flowers which require greenhouse culture to grow them to perfection.

## ASPARAGUS

	100 Seeds	Pkt.
160 <b>Plumosus Nanus.</b> An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut .....	\$1.00	\$0.25
162 <b>Sprengeri.</b> One of the best plants to grow in hanging baskets, for greenhouse or for outdoors in the summer .....	.50	.10

## CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

	Large pkt.	Pkt.
515 <b>Hybrida Grandiflora, Tall Mixed.</b> Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches .....	\$0.75	\$0.25
516 <b>Hybrida Grandiflora Pumila Compacta.</b> Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot .....	.75	.25
517 <b>James' Superb Strain.</b> A robust grower, producing very large and beautiful flowers; 18 ins. ....	1.25	.50
519 <b>Sutton's Perfection.</b> Choicest mixed. Original packet .....		.90
518 <b>Rugosa Mixed (Shrubby).</b> Small flowering varieties for bedding; of the finest colors; 1 foot .....	1.25	.50



*Grandiflora Prize Cineraria*

## CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our *Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, and has been awarded numerous first prizes.

	Large pkt.	Pkt.
691 <b>Grandiflora Prize Dwarf.</b> Mixed colors; plants of dwarf habit .....	\$0.75	\$0.35
693 <b>Grandiflora Prize Medium Tall.</b> Mixed colors; desirable as a decorative plant .....	.75	.35
699 <b>James' Giant Strain.</b> A superb variety; mixed colors .....	1.25	.50
707 <b>Sutton's Superb.</b> Mixed colors. Original pkt. ....		.75
700 <b>Matador.</b> Large bright red flowers .....		.35
695 <b>Hybrida.</b> Choice mixed colors .....	.65	.25
702 <b>Radiata Hybrida.</b> New varieties of the Star Cineraria in a wide range of colors and shades .....	.75	.20
703 <b>Stellata (Sutton's).</b> Medium sized star-like flowers. Original pkt. ....		.75
705 <b>Stellata Hybrida.</b> Of graceful and vigorous habit, producing a profusion of elegant flowers .....	1.25	.50



*Cyclamen, Michell's Distinctive Giant*

## CYCLAMEN

Beautiful plants for the window or greenhouse, with mottled leaves and rich colored flowers. Both the strains offered below have gained a reputation for their large size, perfect form and brilliant colors.

### MICHELL'S "DISTINCTIVE" GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
790 <b>Duke of Connaught.</b> Crimson .....	\$1.50	\$0.50
792 <b>Excelsior.</b> White with red eye .....	1.50	.50
794 <b>Grandiflora Alba.</b> White .....	1.50	.50
796 <b>Princess of Wales.</b> Pink .....	1.50	.50
798 <b>Salmon Queen.</b> Salmon pink .....	1.50	.50
799 <b>Mixed.</b> All colors .....	1.25	.40
806 <b>Sutton's Giant.</b> Choicest mixed. Per Orig. pkt. ....		1.00

### REGULAR GIGANTEUM STRAIN

Grown for us by a Specialist in Germany.

780 <b>Giganteum Album.</b> White .....	1.25	.35
782 " <b>Roseum.</b> Pink .....	1.25	.35
784 " <b>Rubrum.</b> Red .....	1.25	.35
786 " <b>White</b> with carmine eye .....	1.25	.35
788 " <b>Mixed.</b> Choicest strain .....	1.00	.25
802 <b>Papilio (Butterfly).</b> The edges of the flowers are beautifully fringed, or waved; mixed colors .....	2.00	.40
804 <b>Persicum.</b> Choice mixed .....	\$0.40	.10

## CYPERUS (Umbrella Plant)

810 <b>Alternifolius.</b> An elegant plant for growing in water or damp places; useful as pot plant.....	.50	.10
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## DRACENA

Ornamental plants for vases or conservatory decoration.		
940 <b>Australis.</b> Green and red colored leaves.....	.25	.10
942 <b>Indivisa.</b> Narrow green leaves .....oz. \$0.50	.15	.10

## FERNS

Very desirable plants for ferneries.		
985 <b>Adiantum (Maiden Hair).</b> Mixed .....	.40	.15
989 <b>Pteris Varieties.</b> Mixed .....	.40	.15
991 <b>Choice Mixed.</b> Choice collection .....	.40	.15

We can also furnish all other varieties of ferns.

## FUCHSIA (Lady's Ear Drop)

1015 <b>Double and Single Mixed.</b> Of easy culture...	\$0.50	.15
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Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# GREENHOUSE FLOWERS

## GERANIUM

- These are general favorites, easily grown from seed and produce blooming plants the first summer. 100 Seeds Pkt.
- 1040 **Apple Scented.** Highly esteemed on account of its fern-like, fragrant foliage; 1 foot .....\$0.40 \$0.10
- 1042 **Pelargonium** (*Lady Washington*). Seed saved from the largest flowered show varieties; 1 to 2 feet ..... 1.25 .25
- 1044 **Zonale Mixed.** A superb strain of the largest Lge. pkt. and finest varieties; 1 to 2 feet .....\$0.20 .10

## GERBERA (*Transvaal Daisy*)

- Splendid greenhouse perennials with large fine-leaved, daisy-like flowers; splendid for pot plants or cutting. 100 Seeds Pkt.
- 1049 **Jamesoni Gigantea.** Extra large flowers of brightest scarlet .....\$1.50 \$0.25
- 1047 **Jamesoni Hybrida** (*New*). All colors in great variation ..... .50

## GLOXINIA

- Showy, free-flowering plants for pot culture; producing magnificent flowers of the richest colors; 1 foot.
- 1055 **Hybrida Grandiflora.** The best strain in existence, embracing all the choicest self-colored, Lge. pkt. Pkt. and tigered and spotted flowers .....\$0.75 \$0.25

## GREVILLEA (*Silk Oak*)

- 1095 **Robusta.** A fine decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed .....oz. \$0.75 .20 .10

## IMPATIENS (*Sultan's Balsam*)

- A charming plant for house and conservatory decoration. Large pkt. Pkt.
- 1177 **Holstii.** A new variety from Africa, resembling Impatiens Sultani in leaf and shape of bloom, but surpassing it in quicker growth and its larger and brighter colored flowers .....\$0.65 \$0.20
- 1178 **Holstii, "New Hybrids."** The colors offered in these New Hybrids are beautiful and of many shades ..... .65 .15
- 1180 **Sultani.** Brilliant rosy-scarlet ..... .40 .15
- 1182 **Sultani Hybrida.** Colors ranging from pale pink to dark crimson ..... .40 .15

## SAINTPAULIA (*African Violet*)

- 1910 **Ionantha.** Beautiful greenhouse plants, bearing a profusion of flowers resembling the violet both in color and shape ..... .25

## SENSITIVE PLANT (*Mimosa Pudica*)

- 1975 Curious and interesting annual plants with pinkish white flowers; the leaves droop when shaken; 18 inches .....\$0.15 \$0.05

## SHAMROCK

- 1978 **True Irish.** Small leaved ..... .30 .15

## SMILAX

- 1985 A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing; 10 feet .....oz. \$0.50 .15 .10

## SOLANUM

- Ornamental plants for winter decoration; of dwarf, branching habit; bears a profusion of bright berries; 1 foot.
- 1990 **Capsicastrum** (*Jerusalem Cherry*). Bright scarlet berries .....oz. \$0.40 .15 .10



Michell's Prize Chinese Primula

## PRIMULA FRINGED CHINESE PRIMROSE

- Our strains are unsurpassed and have won many first prizes.
- 1819 **Michell's Prize Mixture.** This mixture contains only the very finest sorts selected from the best strains; has been awarded numerous Large pkt. Pkt. First Prizes .....\$0.75 \$0.25
- 1805 **Alba Magnifica.** White flowers with yellow eye ..... .75 .40
- 1806 **Chiswick Red.** Brilliant red ..... .75 .40
- 1807 **Holborn Blue.** A beautiful shade ..... .75 .40
- 1809 **Kermesina Splendens.** Crimson ..... .75 .40
- 1811 **Rosy Morn.** Delicate pink ..... .75 .40
- 1813 **Stellata** (*Sutton's*). Excellent pot plant; mixed. Per original pkt. .... 1.25
- 1815 **Fern Leaved.** Choicest mixed colors ..... .75 .25
- 1825 **Imported Collection.** 8 varieties ..... .75

## PRIMULA OBCONICA GIGANTEA

- A great improvement over the old type; flowers much larger, and produced in greater abundance. Large pkt. Pkt.
- 1831 **Lilacina.** Pale lilac .....\$0.65 \$0.20
- 1826 **Rosea.** Pink ..... .65 .20
- 1827 **Kermesina.** Crimson ..... .65 .20
- 1835 **Alba.** White ..... .65 .20
- 1829 **Hybrida Mixed** ..... .65 .20

## PRIMULA OBCONICA GRANDIFLORA

- Large flowers a feature of this strain.
- 1828 **Compacta** (*New*). Excellent dwarf, compact plants with dense heads of large flowers ..... .65 .25
- 1830 **Fimbriata.** Flowers finely fringed ..... .65 .15
- 1837 **Vesuvius.** Deep crimson ..... .65 .25

## VARIOUS SORTS

- 1845 **Primula Kewensis** (*Verbena Scented Yellow Primrose*). Spikes each 12 to 18 inches long, and bearing four to six whorls of bloom; color, soft yellow ..... .65 .40
- 1839 **Buttercup** (*New*). Yellow flowers; fine for pots ..... .65 .25
- 1844 **Forbesi** (*Baby Primrose*). Small flowers; fine for pots; color, rosy lilac ..... .65 .25

• Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# CLIMBING PLANTS

## ANNUAL VARIETIES

We believe that our friends will welcome our new classification of flower seeds as a useful innovation, as it must make a selection of desirable material extremely easy and, above all, will avoid many disappointments, which in former years we were entirely unable to stop. We have separated annual climbers from perennials so again to avoid disappointments.

### ADLUMIA (Mountain Fringe or Allegheny Vine)

Large pkt. Pkt.

- 37 **Cirrhosa.** A charming hardy biennial climber, blooming the first season; delicate, feathery foliage, rose-colored flowers; 15 feet .....\$0.25 \$0.10

### BALLOON VINE (Love-in-a-Puff)

- 420 A rapid growing annual climber, with white blossoms; seed pods look like miniature balloons..\$0.20 \$0.05

### BALSAM APPLE

(*Momordica*)

440 Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit which when ripe opens, showing a brilliant crimson interior. Oz., 25c.; pkt., 5c.

### BEAN (Runner)

A rapid climber, flowering profusely; grows 10 to 15 feet high.

444 **Butterfly Runner.** A new and distinct variety; the flowers are of large size and borne in great profusion; color, pink and white. Oz. 10c.; pkt., 5c.

445 **Scarlet.** Pint, 20c.; pkt. 5c.

446 **White.** Pint, 20c.; pkt., 5c.



*Butterfly Runner Bean*

### CANARY BIRD FLOWER

Large pkt. Pkt.

- 555 One of the most charming annual climbers, bearing an abundance of bright yellow, fringed flowers; oz. 40c. ....\$0.15 \$0.05

### COBAEA SCANDENS (Cups and Saucers Vine)

Well-known climber of rapid growth, producing large bell-shaped blossoms; in sowing, place the seeds edgewise, and merely cover with light soil.

Large pkt. Pkt.

- 725 **Purple** .....oz. \$0.60 \$0.15 \$0.10  
726 **White** ..... .30 .10

**Cucumber, Ornamental, See Echinocystis.**

### CYPRESS VINE (*Ipomoea Quamoclit*)

A very graceful annual climber, with feathery foliage, and beautiful, star-like flowers.

Oz. Pkt.

- 815 **Scarlet** .....\$0.30 \$0.05  
817 **White** ..... .30 .05  
819 **Mixed** ..... .25 .05

### DOLICHOS (Hyacinth bean)

Rapid growing climber, bearing a profusion of bean-like flowers.

Oz. Pkt.

- 934 **Darkness.** A variety from Japan; rapid grower; flowers reddish violet .....\$0.25 \$0.10  
935 **Daylight.** Identical to the above except in color, which is pure white ..... .25 .10  
937 **Choice Mixed** ..... .15 .05

### ECHINOCYSTIS LOBATA (Wild Cucumber Vine)

Oz. Pkt.

- 945 One of the quickest growing vines; excellent for covering trellises, fences, etc. ....\$0.30 \$0.05



*Ornamental Mixed Gourds*

### GOURD (Ornamental)

Rapid growing annual climbers for covering arbors, fences, etc., with ornamental foliage and curious shaped fruit.

Oz. Pkt.

- 1075 **Calabash, or Dipper.** Very useful .....\$0.25 \$0.05  
1077 **Egg-Shaped.** White like an egg ..... .25 .05  
1079 **Hercules Club.** Club shaped; 4 feet long ..... .25 .05  
1081 **Luffa (Dish Rag or Bonnet Gourd)** ..... .25 .05  
1083 **Orange-Shaped (Mock Orange)** ..... .25 .05  
1085 **Pear-Shaped.** Striped; very showy ..... .25 .05  
1087 **Serpent.** Striped like a serpent; 5 feet long... .25 .05  
1089 **Sugar Trough.** Used as water holders ..... .25 .05  
1091 **Mixed.** In a great variety ..... .20 .05

### HUMULUS (Japanese Hop)

A rapid growing annual climber with luxuriant foliage.

Oz. Pkt.

- 1170 **Japonicus.** Dense green foliage .....\$0.40 \$0.05  
1172 **Variegatus.** Leaves mottled with white ..... .50 .10

**Hyacinth Bean, see Dolichos.**

### KENILWORTH IVY (*Linaria Cymbalaria*)

Large pkt. Pkt.

- 1195 A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet .....\$0.30 \$0.05

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



# CLIMBING PLANTS

## ANNUAL VARIETIES (continued)

### LOPHOSPERMUM

- 1260 **Scandens**. An ornamental annual climber, with showy rosy-purple flowers, resembling Fox-gloves in shape; 10 feet ..... Large pkt. Pkt. \$0.40 \$0.10

### MAURANDIA

- A beautiful climber of rapid growth for baskets, vases and trellises; produces an abundance of tube-shaped flowers; 10 feet. Large pkt. Pkt.  
1320 **Barclayana**. Purple ..... \$0.25 \$0.10  
1326 **Choice Mixed** ..... .25 .10

### MINA

- 1380 **Lobata**. Half hardy annual climber, of rapid growth, bearing racemes of flowers the buds of which are orange red, but open orange yellow, and afterwards turn to creamy white.... .30 .10

**Momordica**, See **Balsam Apple** (See page 81)

**Moonflower**, See **Morning Glory**

### MORNING GLORY

Under this heading we have united both *Convolvulus* and *Ipomea*.

#### CONVOLVULUS MAJOR

One of the most popular annual climbers; a rapid grower and free flowering.

- |  | Oz.    | Pkt.   |
|--|--------|--------|
| 740 <b>Japanese Imperial</b> . Flowers of immense size, and of great variety of colors .....         | \$0.25 | \$0.05 |
| 741 <b>Japanese Imperial Fringed</b> . Large fringed flowers of many beautiful colors and shades.... | .40    | .10    |
| 742 <b>Mixed</b> . All colors .....  | .10    | .05    |
| 744 <b>Double Flowering</b> . Mixed colors .....   | .40    | .10    |
| 750 <b>Imported Collection</b> . 10 varieties .....  | .40    |        |

#### IPOMOEA

- |   |     |     |
|---|-----|-----|
| 1185 <b>Grandiflora Superba</b> . Flowers sky-blue with a white margin .....  | .25 | .05 |
| 1187 <b>Heavenly Blue</b> . Large, sky-blue flowers .....   | .75 | .10 |
| 1187 <b>Noctiflora</b> ( <i>Moon Flower</i> ). At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers ..... | .75 | .10 |
| 1191 <b>Setosa</b> ( <i>Brazilian Morning Glory</i> ). Large leaves and bright rose-colored flowers .....   | .40 | .05 |
| 1103 <b>Mixed</b> . Various colors .....  | .25 | .05 |

## PERENNIAL VARIETIES

Sow from June till September. They will only start during the first season and will establish themselves the second season. Do not transplant until the spring following the start. All are hardy and live for many years once established.

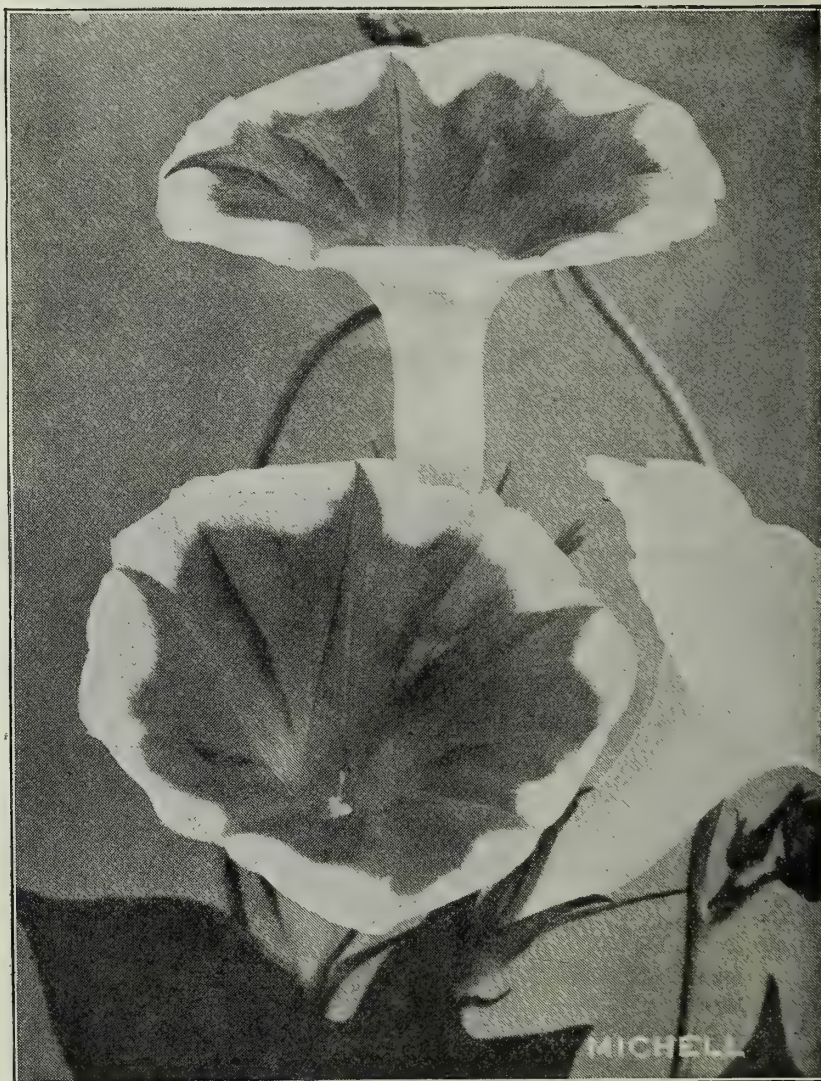
#### AMPELOPSIS (*Boston or Japanese Ivy*)

- 100 **Veitchi**. A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn; one of the best hardy vines for covering brick or stone buildings; oz. 25c. .... Large pkt. Pkt. \$0.15 \$0.10

#### CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.

- |  |     |     |
|--|-----|-----|
| 710 <b>Flammula</b> . Feathery-white, fragrant flowers....   | .15 | .05 |
| 712 <b>Jackman's Large Flowering</b> . Mixed; saved from the finest, large flowering sorts .....   | .40 | .15 |
| 714 <b>Paniculata</b> ( <i>Japanese Virgin's Bower</i> ). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers ..... | .20 | .10 |



*Japanese Imperial Morning Glory (Convolvulus)*

#### THUNBERGIA (*Black-Eyed Susan*)

Rapid growing annual climbers, for window boxes, hanging baskets, and vases; produces a profusion of pretty flowers. Pkt.

- |  |                      |
|--|----------------------|
| 2325 <b>Alba Oculata</b> . White, with black eye (Large pkt. \$0.20) | \$0.05               |
| 2326 <b>Alata</b> . Buff, with black eye .....                       | .20 .05              |
| 2327 <b>Aurantiaca</b> . Orange, with black eye (Large pkt. .20)     | .05                  |
| 2328 <b>Mixed</b> . All colors .....                                 | (Large pkt. .20) .05 |

#### CENTROSEMA (*Butterfly Pea*)

- |   |     |     |
|---|-----|-----|
| 660 <b>Grandiflora</b> . Bears profusely inverted pea-shaped flowers, from rosy violet to purple with a broad white marking through the centre..... | .25 | .10 |
|---|-----|-----|

**Kudzu Vine**, See **Pueraria**

#### PASSIFLORA (*Passion Flower*)

- 1630 Ornamental climbing plants for the greenhouse or the garden, producing showy flowers in profusion; mixed colors ..... .25 .10

#### PUERARIA THUNBERGIANA (*Kudzu Vine*)

- 1855 One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms ..... .30 .10

Please consult Special Index Page 51 to locate promptly the Flower you are looking for.



## Everlasting or Straw Flowers

These are all annuals and produce their flowers the first season. By cutting them at the time of perfection they will last without water for a full year, hence their title. They are easily raised by being sown outdoor after May 1st.

### ACROCLINIUM

The flowers should be picked before they expand and hung with the tops downward to dry; 1 foot.

Large pkt. Pkt.

- 33 Single Mixed ..... \$0.15 \$0.05  
34 Double Mixed ..... .15 .05



*Helichrysum Straw Flower*

### HELICHRYSUM (Straw Flower)

Oz. Pkt.

- 1110 **Monstrosum.** One of the best everlasting flowers; useful as dried flowers for winter bouquets; double, mixed colors; 2 feet; oz. \$0.50 \$0.15 \$0.05

### RHODANTHE

- 1875 A beautiful annual, for the garden or for pot culture; mixed colors; 1 foot..... .20 .05

### STATICE

- 1995 **Suworowi.** An annual variety with pink flowers; fine for winter bouquets; 1 foot..... .20 .10

### XERANTHEMUM

- 2420 **Double Mixed.** Excellent for winter bouquets.. .15 .05

## MIXED OR WILD FLOWER GARDEN SEEDS

This mixture embraces about 100 varieties of easy growing, beautiful and interesting flowers, which will furnish a profusion of bloom throughout the entire summer and autumn, without the care necessary for a regular arranged flower bed. It will be found very useful for sowing on embankments, along fences and on unsightly bare spots; many of the varieties will be found useful for cutting. Price, per pkt. 5c., 15c. per oz., per 1/4 lb. 50c., \$1.50 per lb.

## Ornamental Grasses

Few plants are more decorative. The ideal spot for the taller varieties is on the outskirts of a pond. Those with plummy tops are very effective when used as centrepieces for beds of cannas, etc.



### ARUNDO

Large pkt. Pkt.

- 155 **Donax.** Perennial with drooping green and white striped leaves; excellent for lawn clumps; 9 ft. \$0.20 \$0.10

### AVENA (Animated Oats)

- 415 **Sterilis.** Long, sensitive awns which expand and contract, causing the seed to rattle in the pod; annual; 18 inches ..... .15 .05

### BRIZA MAXIMA (Quaking Grass)

- 490 **Elegant panicles; excellent for bouquets and dried flowers; annual; 1 foot ..... .15 .05**

### BROMUS

- 495 **Brizaeformis.** Large drooping panicles, useful for bouquets; 2 feet; annual ..... .15 .05

### COIX LACHRYMAE (Job's Tears)

- 730 A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual; 2 to 3 feet; oz. \$0.10 ..... .05

### EULALIA

- 970 **Japonica.** A hardy perennial variety, with long, graceful leaves; green and white striped; 4 to 5 feet ..... .15 .05

### GYNERIUM (Pampas Grass)

- 1100 **Argenteum.** White silvery plumes; perennial; blooms the second season; 8 to 10 feet ..... .15 .10

### HORDEUM JUBATUM (Squirrel Tail Grass)

- 1166 **Bushy panicles; excellent for bouquets; annual; 3 feet ..... .15 .05**

### PENNISETUM

- 1640 **Longistylum.** Graceful greenish-white plumes, fine for beds or dried bouquets; 2 feet; annual ..... .15 .05

- 1642 **Ruppelianum.** Excellent for beds or for dried bouquets; beautiful purple plumes; 3 feet; perennial ..... .15 .10

### STIPA PENNATA (Feather Grass)

- 2005 **Hardy perennial with silvery-white, feathery plumes; flowers the second season; 2 feet.... .15 .05**



# Summer Flowering Bulbs and Bulbous Plants

## AMARYLLIS

For a practical showy-house plant there is nothing of easier culture than these gorgeous lily-like flowers. Once potted they can remain in the same pot for years; increasing each year in beauty.

**Cultural Directions:** Place bulbs, on arrival, in damp moss in temperature of 60° and allow the flowering shoot to appear before the bulb is potted. When the plant is in progress of blooming water freely, other times sparingly.

**Belladonna.** A beautiful bright pink. 15c. each, per doz. \$1.50.

**Defiance.** Deep carmine, striped white. 50c. each, per doz. \$5.00.

**Prince of Orange.** Orange intermingled with white and green. 50c. each, per doz. \$5.00.

**Formosissima.** Crimson. 10c. each, per doz. \$1.00.

**Hybrids of Vittata.** Beautiful species, flowers striped and flaked. 50c. each, per doz. \$5.00.

**Johnsoni.** A very large crimson sort, striped white. Mammoth bulbs. 50c. each, per doz. \$5.00. Good size bulbs, 30c. each, per doz. \$3.00.

	Each	Doz.
<b>Giant Flowering, Crimson</b> .....	\$1.00	\$10.00
" " <b>Orange Red</b> .....	1.00	10.00
" " <b>Red, striped white</b> .....	1.00	10.00
" " <b>White, striped red</b> .....	1.00	10.00

## SMALL AMARYLLIS OR ZEPHYRANTHUS (Fairly Lily)

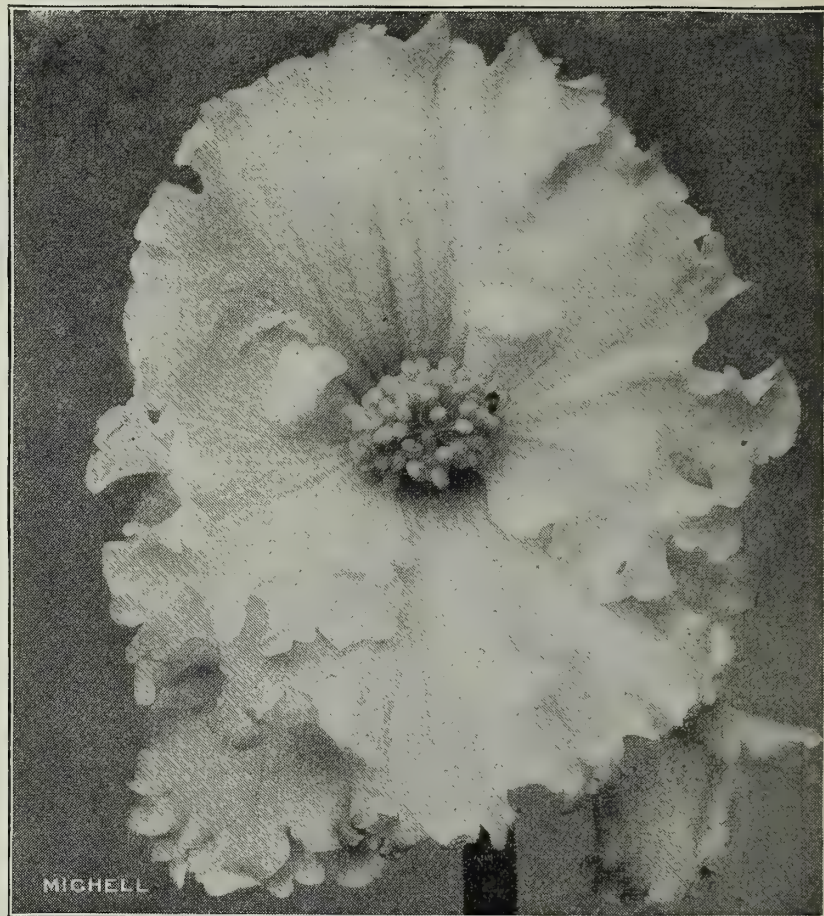
These are strictly outdoor flowers but not hardy and must be lifted every fall. The sweet lily-like blossoms appear like magic very soon after the bulb is planted in May and continue during the entire season.

	Each	Doz.
<b>Treata Rosea.</b> Pink flowers .....	\$0.05	\$0.40
" <b>Alba.</b> Purest white .....	.05	.40

## CALADIUM ESCULENTUM (Elephant's Ear)

As centre pieces or specimens in flower beds Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for Ricinus and other tall growing plants. When planted in a bed alone, a border of Scarlet Sage removes the one color effect and makes a beautiful contrast. Do not plant caladiums outdoors until after May 1st, but to get them in early growth, they may be started in doors.

	Each	Doz.	100	Postage
<b>Monster Bulbs</b> .....	\$0.30	\$3.25	\$20.00	\$0.15
<b>Mammoth Bulbs</b> .....	.20	2.20	15.00	.10
<b>First Size Bulbs</b> .....	.10	1.10	8.00	.05
<b>Second Size Bulbs</b> .....	.07	.75	5.00	.03



*New Tuberous Begonia, Crispa Type*

## NEW BEGONIA CRISPA

The edge of each flower petal is exquisitely frilled and crested, giving thereby the flower a charming appearance. The above illustration, which was made from an actual bloom, will convey some idea of its beauty. Every one who grows Tuberous Begonias should plant some of this variety. We offer large bulbs in mixed colors.

15c. each, per doz. \$1.50, \$10.00 per 100.

## BEGONIAS (Tuberous Rooted)

There hardly is a single garden in which there are semi or entirely shaded spots where the average flower will not grow; such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. If you have never grown them, try them this year; start your bulbs in March and have flowers in June. Plant bulbs outdoors not before May 1st.

### SINGLE BEGONIAS

	Each	Doz.	100
<b>Crimson</b> .....	\$0.10	\$1.00	\$6.00
<b>Orange</b> .....	.10	1.00	6.00
<b>Pink</b> .....	.10	1.00	6.00
<b>Scarlet</b> .....	.10	1.00	6.00
<b>White</b> .....	.10	1.00	6.00
<b>Yellow</b> .....	.10	1.00	6.00
<b>Mixed</b> .....	.07	.70	5.00

### DOUBLE BEGONIAS

	Each	Doz.	100
<b>Crimson</b> .....	\$0.15	\$1.50	\$10.00
<b>Orange</b> .....	.15	1.50	10.00
<b>Pink</b> .....	.15	1.50	10.00
<b>Scarlet</b> .....	.15	1.50	10.00
<b>White</b> .....	.15	1.50	10.00
<b>Yellow</b> .....	.15	1.50	10.00
<b>Mixed</b> .....	.12	1.20	8.50

Please add 5c. per dozen for mailing Begonias. Single bulbs mailed free.



*The above illustration was made from an actual photograph of one Monster Caladium Bulb purchased from us*



# SUMMER FLOWERING BULBS AND BULBOUS PLANTS



**GLOXINIAS**

A gorgeous plant either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January but should not be set outdoors until after May 15th. They can be easily made to bloom in the house as pot plants. Bulbs must be lifted in the fall.

	Each	Doz.	100
Red and Scarlet .....	\$0.15	\$1.50	\$10.00
White .....	.15	1.50	10.00
Blue .....	.15	1.50	10.00
White Spotted Scarlet .....	.15	1.50	10.00
Scarlet Bordered White .....	.15	1.50	10.00
Blue Bordered White .....	.15	1.50	10.00
Choicest Mixed .....	.10	1.00	6.00

## HYACINTHS CANDICANS

A most showy hardy plant attaining a height of 2 feet and more with stout fleshy stalks holding large white bell-shaped flowers in great profusion. These stalks appear simultaneously with the first growth and continue to appear during the entire season. Bulbs can remain in the ground during the winter and require but little protection. For the hardy border they are desirable, but make their best effect when planted in masses before shrubbery. 5c. each, per dozen 50c., \$3.50 per 100.

## ISMENE CALATHINA

(Pancratium Lily)

One of the choicest of our Summer flowering bulbs, blooming profusely during the entire season, flowers a beautiful waxy white and deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. Large bulbs 15c. each, per doz. \$1.50, \$10.00 per 100.



*Ismene Pancratium*

## FANCY LEAVED CALADIUMS

These make a charming conservatory plant, as individual specimens or planted in masses in boxes. For planting outdoors in a place sheltered from sun and too much violent rain they are very satisfactory. When grown indoors they like a warm temperature, as they are a tropical species of plants. The leaves cover a wide range of shades and colors, and make a grand display.

**Choice Named Sorts in 20 separate varieties.** 20c. each, per doz. \$2.25, \$18.00 per 100.

**Choice Named Sorts in Mixture.** 15c. each, per doz. \$1.50, \$10.00 per 100.



*Fancy Leaved Caladium*

## CALLA LILIES

These types of Callas make very useful summer blooming plants, the spotted variety may be handled somewhat like the white, winter blooming kind; the black requires very little water until fully started.

	Each	Per doz
Black .....	\$0.15	\$1.50
Spotted .....	.10	1.00

## CYCAS REVOLUTA (Sago Palm)

These interesting as well as ornamental plants may be grown from the dormant (leafless) trunk or stem with great success. Fine strong, dormant stems, ready about March 1st. 15c. per lb., 5 lbs. for 65c.

## \* LILY OF THE VALLEY

**Large Clumps.** 25c. each, per doz. \$2.50, \$18.00 per 100.

**Cold Storage, Russian Brand.** Ready at weekly intervals, in not less than 100 lots. \$3.00 per 100, per 500 \$13.50, \$25.00 per 1000.

**Cold Storage, Berlin Brand.** In not less than 100 lots. \$2.50 per 100, 500 for \$12.50, \$25.00 per 1000.

## OXALIS (Summer Blooming)

**Deppi.** White, small flowers. 2c. each, per doz. 15c., \$1.00 per 100.

**Lasiandra.** Pink, small flowers. 2c. each, per doz. 15c., \$1.00 per 100.

## TUBEROSES

**Excelsior Pearl.** Pure white. 4c. each, per doz. 35c., \$2.50 per 100.

**Excelsior Pearl.** Mammoth bulbs. 5c. each, per doz. 50c., \$3.00 per 100.

**Variegated Leaved.** White. 5c. each, per doz. 50c., \$3.00 per 100.

**Albino.** Single white. 5c. each, per doz. 40c., \$2.50 per 100.

## JAPANESE FERN BALLS

A very attractive novelty. Full cultural directions accompany each ball if asked for. Extra large size, 40c. each, per doz. \$4.00.



# MICHELL'S "DISTINCTIVE" CANNAS

OUR ROOTS ARE ALL STRONG AND HAVE

FROM TWO TO THREE EYES EACH

**SPECIAL NOTE.**—After May 1st our stock of Canna Roots well developed plants in 4-inch pots. 15c. each, per doz. the Dormant Roots are Offered at \$1.00 per Dozen or less.

is generally all sold, at which time we can fill orders with \$1.50, \$10.00 per 100. This price applies to all varieties of which Prices of other varieties in plants quoted upon application.

## NOVELTIES

FOR 1911

### ROSEA GIGANTEA

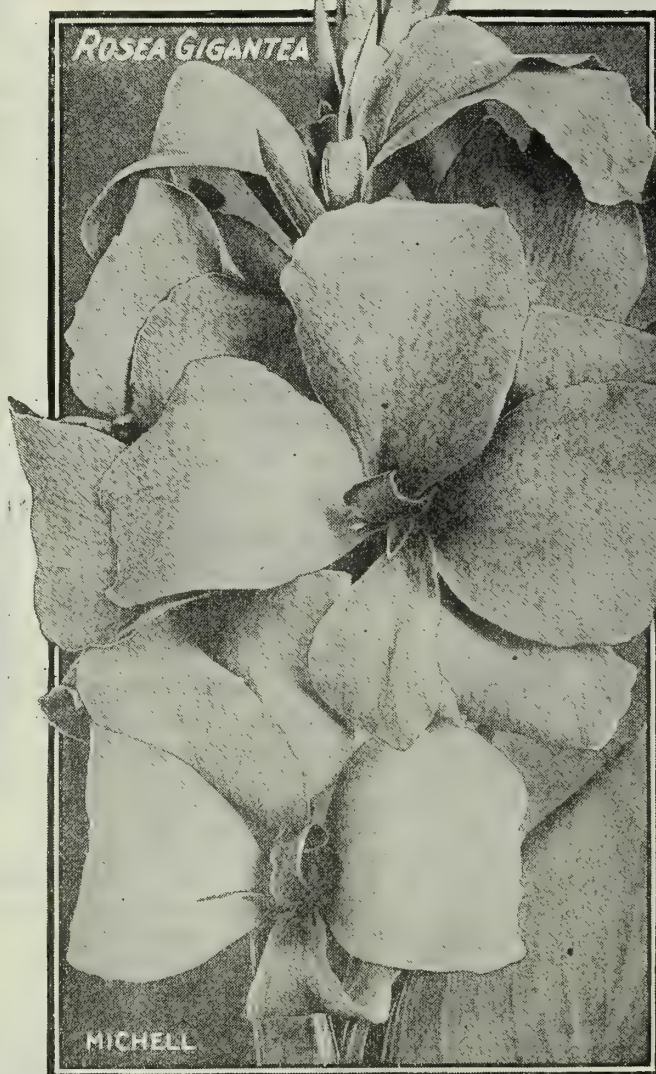
A wonderful novelty, the largest of all Cannas in existence; color, a rich rose pink; flowers free, foliage green; height, 4 feet. Each 50c., doz. \$5.50.

### METEOR

Each root produces from 5 to 6 trusses of bloom, which continue through the entire season. The individual blooms are of gigantic size; color, a rich deep crimson, foliage green; height, 5 feet. Each 50c., doz. \$5.50.

### MINNEHAHA

Blossoms are extra large and come in great clusters; petals are long, gracefully curved and have wavy edges. The coloring of this flower is superb, transparent sea shell deepening through shades of cream and gold to a centre of peach-blow pink; foliage green; height, 4 feet. Each 50c., doz. \$5.50.



## NOVELTIES

FOR 1911

### GLADIO FLORA

Remarkable for the unusual shape of the flowers, which resemble large gladiolus. Petals are short and rounded; color, vivid crimson, changing to carmine pink, with an uneven edge of gold to each petal; foliage green; height, 3 feet. Each 50c., doz. \$5.50.

### VENUS

Gay rosy pink with a mottled border of creamy yellow; flowers abundantly with heads erect; foliage green; height, 4 feet. Each 50c., doz. \$5.50.

### COMTE DE SACHS

Clear crimson scarlet in immense trusses, showing well above the green foliage; flowers early; height, 4 feet. Each 50c. doz. \$5.50.

### SPECIAL OFFER

One each of the above 6 novelties for \$2.50.

## STANDARD SORTS

### RED AND CRIMSON

	Foliage	Height
<b>Alphonse Bouvier.</b> Rich velvety red .....	green	6 feet
<b>Atlanta.</b> Dark orange scarlet .....	green	6 "
<b>Black Prince.</b> Very dark crimson .....	green	5½ "
<b>Chas. Henderson.</b> Fine crimson .....	green	4 "
<b>David Harum.</b> Bright vermilion scarlet .....	bronze	3 "
<b>Egandale.</b> Bright cherry red .....	bronze	4 "
<b>Fairhope.</b> Deep crimson .....	green	4 "
<b>J. D. Eisele.</b> Vermilion scarlet, shaded orange. ....	green	3½ "
<b>Jean Tissot.</b> Intense scarlet, tinted orange....	green	5 "
<b>King Humbert.</b> Rich orange scarlet .....	bronze	5 "
<b>Louisiana.</b> Red, orchid type .....	green	7 "
<b>Mrs. Kate Gray.</b> Orange scarlet, shaded gold. ....	green	5 "
<b>Pennsylvania.</b> Deep scarlet .....	green	6 "
<b>Pres. McKinley.</b> Brilliant crimson .....	deep green	3 "

### CANNAS IN MIXTURE

**Mixed Dwarf French.** Containing the best sorts only. Each 5c., 50c. per doz., per 100 \$3.50.

**Tall Sorts Mixed.** Elegant varieties are included in this mixture. Each 5c., 50c. per doz., per 100 \$3.50.

### CLEAR YELLOW

	Foliage	Height
<b>Austria.</b> Pure deep golden, immense orchid flower .....	green	5 feet
<b>Buttercup.</b> Rich bright yellow .....	green	4 "
<b>Burbank.</b> Sulphur yellow .....	green	4½ "
<b>Mrs. Wallace.</b> Gigantic lemon yellow .....	green	6 "

### PINK

<b>Martha Washington.</b> Soft pink .....	green	3½ "
<b>Shenandoah.</b> Soft pink .....	bronze	4 "

### BICOLORED

<b>Allemannia.</b> Salmon, bordered yellow, orchid. ....	green	4 "
<b>Florence Vaughan.</b> Yellow, spotted crimson.. ....	green	5 "
<b>F. R. Pierson.</b> Crimson, centre yellow .....	green	3 "
<b>Italia.</b> Golden blotched crimson, orchid .....	green	5 "
<b>Mme. Celeste Dubart.</b> Light yellow, blotched pink .....	green	5 "
<b>Mme. Crozy.</b> Scarlet, bordered yellow .....	green	3 "
<b>Morning Star.</b> Yellow, dotted red .....	green	3½ "
<b>Queen Charlotte.</b> Crimson, bordered gold....	green	3 "
<b>Souv. de A. Crozy.</b> Scarlet, edged yellow....	green	3½ "

### ORNAMENTAL FOLIAGE

**Robusta Perfecta.** Immense dark green leaves with small red flowers; height, 7 feet. Each 8c., 75c. doz., 100 \$5.00.

Price of any of the above varieties in strong roots (except where noted), 10c. each, per doz. \$1.00, \$6.00 per 100



# SENSATIONAL

## NEW DAHLIAS

It is truly said that there is nothing impossible under the sun and one can fully realize this when one first sees the newer forms of Dahlias. Some horticulturists term them artistic, some fantastic, others orchid-flowered—again, others clematis or paeony-flowered. The latter name seems to be most general. No one can deny the fact though that these newer Dahlias have a place strictly their own. They flower abundantly during the entire season; produce gigantic flowers on erect, very long stems, are ideal for cutting or garden decoration. The form resembles more that of a semi-double Japanese Paeony; some varieties are quite fragrant. The varieties mentioned here are of very recent introduction, extremely choice and rare and selected with utmost care. We furnish **young plants only** of these choice novelties, and to those who are not acquainted with the nature of Dahlia plants we wish to say that all experts on this subject declare them to be more satisfactory than roots. **We guarantee satisfaction** with our plants if properly cared for. Plants ready May 1st.

### RARE PAEONY-FLOWERED DAHLIAS

	Young Plants Each
<b>Alice Roosevelt.</b> Well formed flowers of white, shaded lilac; a delicate but rich shading; height 4 ft ; . . . . .	\$0.75
<b>Bertha von Suttner.</b> Exquisite salmon pink, of gigantic size; first flowers are perfectly double; flowers are carried erect. . . . .	.50
<b>Caesar.</b> Pale yellow, of splendid form; desirable color and yet rare in this class. . . . .	.75
<b>Geisha</b> (See illustration). Fantastic, sensational colorings, a combination of scarlet and yellow, such as is only seen in Japanese paintings; flowers are giants and the first specimens are perfectly double; this wins at sight. . . . .	.50
<b>King Edward.</b> Purple crimson, rich and decorative, splendid form; height, 6 feet . . . . .	.50
<b>Philadelphia.</b> Distinct in form and coloring; petals are of Cactus type, two rows with conspicuous yellow center; coloring rose and white, a striking novelty of rare quality. . . . .	.50
<b>Queen Alexandra.</b> Elegant flower, sulphur and white; an open flower on extreme long stem . . . . .	.50
<b>Rheingau.</b> In form similar to the Philadelphia, but of rich scarlet-crimson shade; a heavy flower. . . . .	.50
<b>Riessen-Edelweiss.</b> A companion to "Philadelphia," but having pure white flowers . . . . .	.50
<b>Schneekönigin.</b> Gigantic flowers of snowy white, with two to three rows of massive petals, very free-blooming . . . . .	1.00
<b>Türkenbund.</b> Velvety scarlet, heavily tipped golden; a most striking contrast; very showy. . . . .	.50
<b>Yellow Gem.</b> Deep yellow, of splendid form, with large flowers; very free . . . . .	.50

### **THE COLLECTION OF 12 RARE VARIETIES FOR \$6.00.**

For a complete collection of all desirable Dahlias, apply for our Special Complete Dahlia Catalogue, out February 1st.

Our **COMPLETE SPECIAL DAHLIA CATALOGUE**, containing every variety worth growing, with complete cultural directions, up-to-date, out February 1st. If interested, write for a copy.

### RARE AND NEW DECORATIVE DAHLIAS

The newer introductions are very meritorious and will easily supplant many of the older sorts.

**Delice** (see illustration). The best pink Dahlia in existence to-day; color a delicate shell pink, flowers come in profusion on erect, stout stems, (*young plants*) each . 50c., doz. . \$5.00

**Jeanne Charmet.** Clear, delicate pink with margins of yellow at tip of petals, (*plants*) each 35c., doz. \$3.50

**Le Colosse.** A massive, deep flower, composed of short petals; color orange red. Each . . . 30c., doz. . . \$3.00

**Le Grand Manitou.** The largest decorative in existence; white, striped red, (*plants*), each . . . . . 50c.

**Mammoth.** Of most perfect form and carries its flowers most erect; color vermilion (*plants*) each . . . . . \$1.00

**Mont Blanc.** The most beautiful white, carries its flowers erect (*plants*), each . 50c., doz. . \$5.00

**Papa Charmet.** Deep maroon, of perfect form and good size (*plants*), each . . . 25c., doz. . . \$2.50

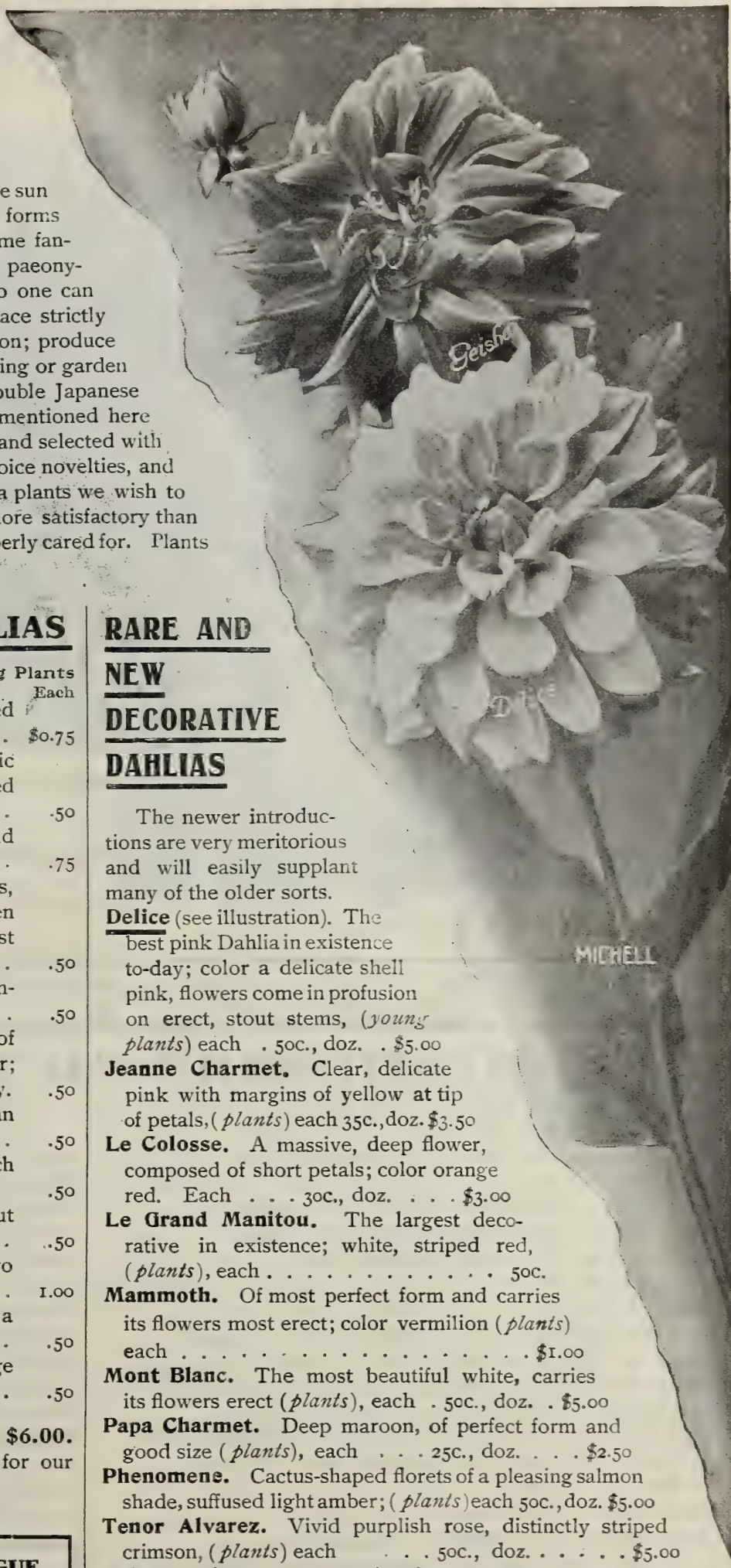
**Phenome.** Cactus-shaped florets of a pleasing salmon shade, suffused light amber; (*plants*) each 50c., doz. \$5.00

**Tenor Alvarez.** Vivid purplish rose, distinctly striped crimson, (*plants*) each . . . 50c., doz. . . \$5.00

**Yellow Colosse.** Of massive form on stout, erect stems; color deep yellow, (*plants*) each . . . . . 50c.

**W. W. Rawson.** White overlaid amethyst, a large flower with loosely quilled petals, (*plants*) each . . . 30c., doz. . . \$3.00

**The Collection of 11 rare Decoratives for . . . . . \$4.50**





# "DISTINCTIVE" NEW CACTUS DAHLIAS

The Cactus Dahlia is still the undisputed queen among dahlias. The æsthetic form and the wonderful coloring easily appeal to the most critical artist and for exhibition purposes it is unequalled. What we offer under this heading has rarely before been offered in America; and at the same time we offer only a limited quantity, what we consider superior to preceding forms.

## YOUNG PLANTS ONLY

**Red Admiral.** Rich fiery scarlet of largest size, each 50c.

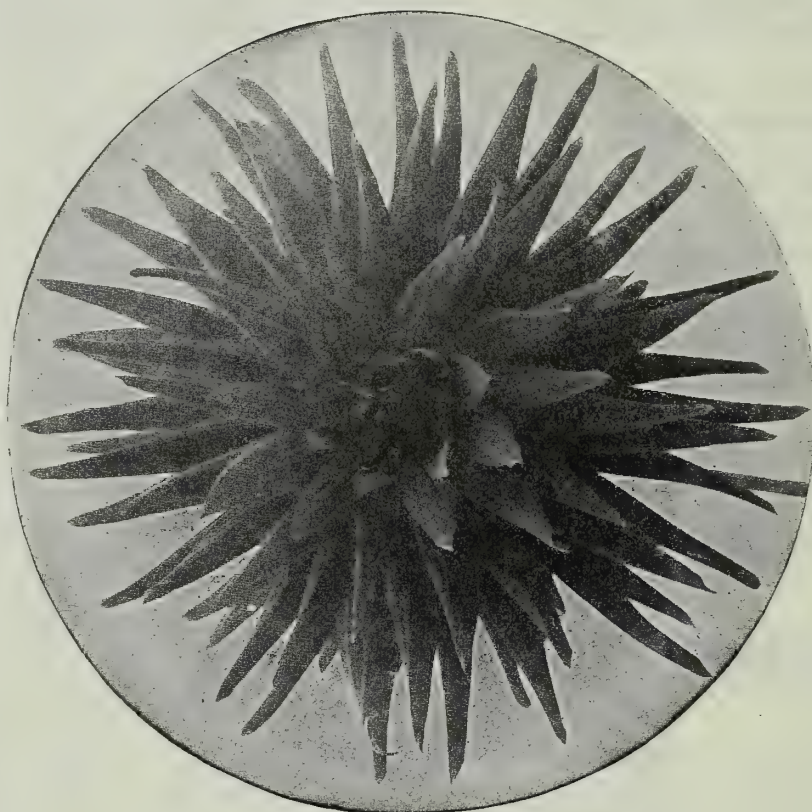
**Indomitable.** Extreme narrow florets of long incurved form; color, mauve-lilac, each 50c.

**Jupiter.** Color, pink with distinct yellow base and striped crimson; much incurved; each 50c.

**Goldcrest.** Centre bright yellow, upper half bright scarlet; unique and new; each 50c.

**Aviator.** Bright lilac-rose of good form, very free; each 50c.

**Orion.** Yellow at base of petals, upper portion being white, all marked bright vermillion; each 50c.



*Cactus Dahlia, J. H. Jackson*

**Quimbo.** The most narrow florets, which incurve; color Each crimson-maroon .....\$0.50

**Dawn.** Bright yellow at base deepening to cerise, tips lightening to yellow ..... .50

**Dr. G. Kendall.** Deep rich orange with bright yellow centre; each 50c.

**Johannesburg.** Bright gold, superb; each 50c.

**Iolanthe.** Deep coral red; every floret distinctly tipped with gold; each 50c.

**Arthur Pickard.** Pinkish salmon with lighter tips and base; each 50c.

**H. H. Thomas.** The finest cactus dahlia ever introduced; long narrow petals incurved to meet in centre; color, deep rich crimson; each \$1.00.

**Mme. Henry Cayeux.** Exquisite pink with white centre and tips; petals very fine; each 50c.

**Flieder.** Delicate lilac, distinctly new color and fine form; each 50c.

**Blaustrumpf.** The first and only blue dahlia, a rare novelty; each \$1.00.

**Una.** Delicate rose pink, shading to silvery rose, very good; each 50c.

All dahlias offered above are *Monster Blooms*. The collection of 17 new Cactus for \$9.00.

For our complete offer of Choice Cactus Dahlias and all cultural directions, see our Special Complete Dahlia Catalogue, out February 1st. If interested apply for a copy.

## MERITORIOUS CACTUS DAHLIAS

Unless especially noted we supply all Dahlias in strong field-grown, divided roots (not single tubers), which will bloom profusely the first season, and make a vigorous plant.

**Alpha.** Creamy white, pencilled and spotted purple.

**Amos Perry.** Bright scarlet, fine for cutting.

**Burbank.** Very rich brilliant dazzling red, a winner.

**Dainty.** Yellow ground, suffused pink, tipped gold.

**F. H. Chapman.** Very handsome light orange.

**Florence M. Stredwick.** Large fine pure white, excellent form.

**Galliard.** Deep red, incurved petals.

**H. F. Robertson.** Deep pure yellow, very narrow petals.

**H. J. Jones.** Pink, primrose centre.

**H. W. Sillem.** A vivid vermillion scarlet, with long petals.

**Harbor Light.** Vivid orange red, shaded at points.

**Innovation.** Crimson scarlet, tipped white, dwarf and profuse.

**J. B. Briant.** Golden yellow, tinted creamy yellow at tips.

**J. H. Jackson.** Crimson maroon.

**Mabel Tulloch.** Clear rosy pink, regular form.

**Mavis.** Salmon, pure yellow at base of petals.

**Mrs. Clinton.** Very fine deep salmon, shaded red, tinted yellow.

**Mrs. H. J. Jones.** Scarlet, edged cream.

**Mrs. Jas. P. Mace.** A light pink, shaded white at base.

**Mrs. J. W. Wilkinson.** Deep rosy pink, incurved flowers.

**Mrs. Winstanley.** Scarlet, shaded yellow in centre.

**Northern Star.** A superb flower, intense crimson scarlet.

**Oliver Twist.** Crimson scarlet, twisted petals.

**P. W. Tulloch.** Large, red tinted rich purple.

**Pius X.** White, with sulphur tint, nice form.

**Prince of Yellows.** Canary yellow, very prolific bloomer.

**Princess.** Beautiful brilliant rose pink.

**Queen Alexandra.** A combination of salmon and pink.

**Rainbow.** Beautiful soft pink, light centre.

**Roland von Berlin.** Intense scarlet, fine flower.

**The King.** Richest velvety crimson, extremely fine.

**Thuringia.** Brilliant fiery red, fine bloomer.

**Wm. Treseder.** A delicate blush pink on white ground.

Prices of any of the above varieties (except where noted) in strong roots, 20c. each, per doz. \$2.00, \$15.00 per 100.

TO GROW DAHLIAS RIGHT, read what we say in  
"MICHELL'S SPECIAL DAHLIA CATALOGUE."

Free if you ask for it.

Plants can be shipped via express or freight only. No Plants sent C. O. D.



# POPULAR CACTUS DAHLIAS

- Charm.** White in centre, edged yellow and salmon. (Plants.)  
**Floradora.** Distinct blood red, very free flowering.  
**Gladiator.** Apricot, shaded salmon pink toward tips. (Plants.)  
**Master Carl.** A gigantic dahlia, amber color.  
**Minnie West.** Handsome yellow, shaded white at tips.  
**Mrs. MacMillan.** White centre gradually deepening to a beautiful pink.  
**Pink Pearl.** Beautiful pink, shaded white toward centre.  
**Rother.** Giant, rich bright garnet.  
**Ruth Forbes.** A massive clear pink flower, with stems sometimes 3 feet long. 75c. each, per doz. \$7.50.  
**The Pilot.** Bright terra cotta, deep yellow at base. (Plants.)  
**Uncle Tom.** Maroon shaded very deep black.  
**Volker.** Clear canary yellow, very large.  
**Winsome.** Gigantic size, pure white.

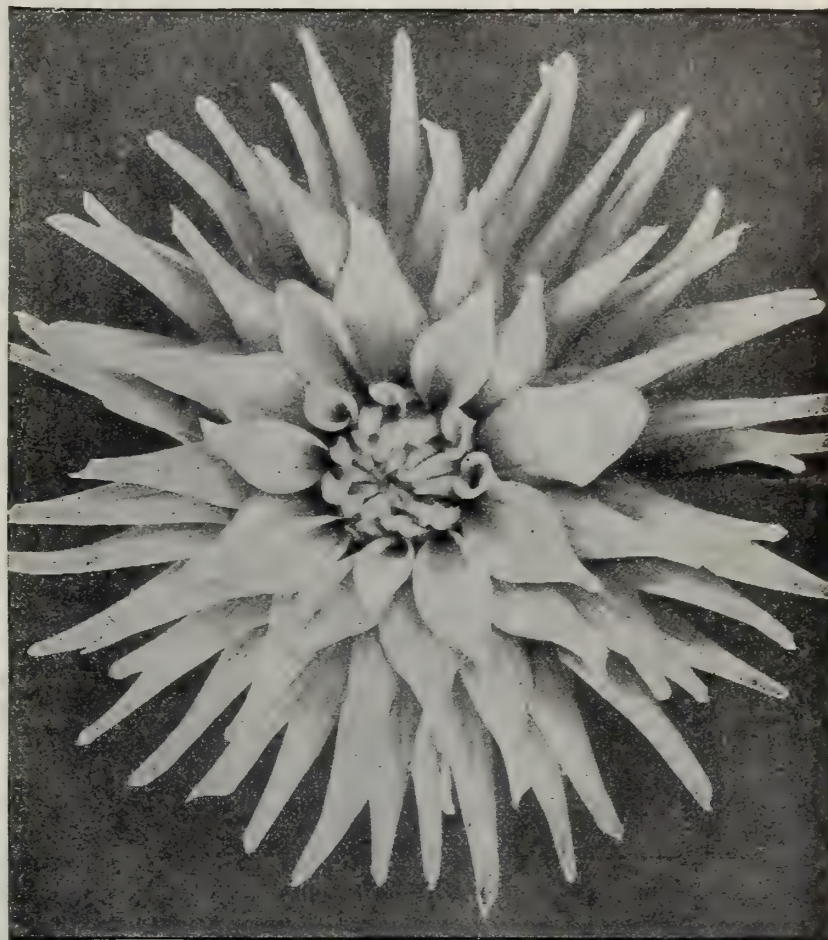
Price of any of the above Cactus Dahlias, except where noted, 25c. each, per doz. \$2.50.

## NOTICE.

It sometimes occurs as the season advances that we are not able to deliver field roots, in which cases we send out strong thrifty plants at the same price. These give equally good results, blooming the same season.

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in "MICHELL'S SPECIAL DAHLIA CATALOGUE."**

Free if you ask for it.



*Cactus Dahlia Kriemhilde*

# STANDARD CACTUS DAHLIAS

- Clara J. Stredwick.** Clear bright salmon.  
**Comrade.** Fawn-colored, shaded amber.  
**General Buller.** Rich velvety crimson, tipped white.  
**Victor von Scheffel.** Beautiful soft pink, white toward centre.  
**Brittania.** A delicate salmon pink, shaded apricot.  
**Countess of Lonsdale.** A shade of amber and salmon combined.  
**Earl of Pembroke.** A beautiful rich plum color.  
**Kriemhilde.** Soft pink, white centre.  
**Mrs. J. J. Crowe.** Clear yellow of excellent habit and form.  
**Mrs. Jowett.** Very rich golden orange, large flower.  
**Mary Service.** Apricot, shaded orange, tipped purple rose.  
**Standard Bearer.** Bright rich scarlet, very fine flower.  
**Strahlen Krone.** Rich cardinal red, fine free bloomer.  
**Mrs. Edw. Mawley.** Clear yellow, very large and full.

Price of any of the above Cactus Dahlias, 15c. each, per doz. \$1.50, \$10.00 per 100.

## PAEONY FLOWERED DAHLIAS

These are a semi-double class and resemble a single pæony, they are very fine and should be in every collection.

- Duke Henry.** Deep crimson.  
**Germania.** Brilliant strawberry red, a grand flower.  
**Glory of Baarn.** An exquisite delicate pink, anemone like.  
**P. W. Janssen.** Fine orange yellow, long stemmed. Plants 50c. each, per doz. \$5.00.  
**Queen Emma.** White, striped and tinted pink, the centre of petal marked yellowish white.  
**Queen Wilhelmina.** Pure white, makes a handsome flower.

Price of the above, except where noted, 35c. each, per doz. \$3.50.

**FOR A COMPLETE COLLECTION OF ALL DAHLIAS** refer to "Michell's Special Dahlia Catalogue." Mailed free if you ask for it.

**TO GROW DAHLIAS RIGHT, read what we say in  
"MICHELL'S SPECIAL DAHLIA CATALOGUE."**  
Free if you ask for it.

Plants can be shipped via express or freight only. No Plants sent C. O. D.



# DOUBLE SHOW DAHLIAS

The Double Dahlias are the old fashioned quilled types, are handsome in every way and embrace some of the finest varieties



Show Dahlia—Yellow Duke.

## DOUBLE SHOW DAHLIAS

- Adolph Pefferhorn.** Purplish crimson, very large, long stemmed.  
**Arabella.** Primrose, shaded pink and lavender, early and profuse.  
**A. D. Livoni.** Beautiful clear pink, free bloomer.  
**Agent.** Delicate soft pink.  
**Beauty.** Snow white, a perfect flower, beautifully quilled.  
**Blue Oban.** Very large, lavender blue, long stemmed.  
**Bon Ton.** Deep wine red. Each 25c., \$2.50 doz.  
**Claribel.** Very large, bright purple, with very long stems.  
**Camelia Flora.** A grand white show dahlia.  
**Crimson Globe.** Very large, round crimson flower.  
**Eloise.** A variation of white and pink, margined crimson.  
**Fern Leaved Beauty.** White, striped crimson, fern-like foliage.  
**Frank Goodman.** Large purple, tipped white, very rich.  
**Frank Smith.** Dark maroon, tipped white.  
**Goldsmith.** Yellow, shaded crimson. Each 25c., \$2.50 doz.  
**Gold Medal.** Bright canary yellow, marked with splashes of red. Each 25c., \$2.50 doz.  
**Glorie de Lyons.** Pure white, perfect form. Each 25c. \$2.50 doz.  
**Grand Duke Alexis.** Large white, tinted lavender.  
**Hero.** Lilac, striped maroon, a good one. 25c. each, per doz. \$2.50.  
**John Walker.** Pure white.  
**Jarkosky.** Beautifully mottled crimson, yellow and white.  
**Keystone.** Pink striped crimson, a grand cut flower.  
**James Vick.** Rich plum color, profuse bloomer, fine shape.

### NOTICE.

It sometimes occurs as the season advances that we are not able to deliver field roots, in which cases we send out strong thrifty plants at the same price. These give equally good results, blooming the same season.

## DOUBLE SHOW DAHLIAS (Continued)

- John Thorpe.** Very large, soft rich pink, elegant form.  
**Lemon Beauty.** A beautiful soft shade of lemon yellow.  
**Marie Gehring.** A very large yellow, striped red.  
**Miss Browning.** Canary yellow, tipped white.  
**Lucy Fawcett.** Sulphur yellow, striped carmine rose. 20c. each, per doz. \$2.00.  
**Margaret Bell.** Soft purple, large, free flowering.  
**Mrs. Dexter.** Very large, a rich shade of salmon.  
**Mrs. Gladstone.** Delicate shell pink, fine texture.  
**Mrs. Langtry.** Fine cream, peach and purple.  
**Modesty.** A lovely delicate blush.  
**Maid of Kent.** Cherry red, tipped white, at times all red.  
**Mary D. Hallock (Queen Victoria).** Deep yellow.  
**Olympia.** Very large, deep pink, striped crimson.  
**Progress.** Rosy lake, spotted and pencilled crimson.  
**Penelope.** Very large white, striped lavender.  
**Princess Bonnie.** Creamy white, shaded lemon yellow.  
**Prince Bismarck.** Very large, handsome deep purple.  
**Peeress.** Distinct and unique, chocolate and fawn.  
**Oban.** Rosy lavender, overlaid delicate silvery pink.  
**Orange King.** Rich orange scarlet, a handsome flower.  
**Red Hussar.** Bright red, showy and free.  
**Storm King.** Pure white, large flower. Each 25c. \$2.50 doz.  
**Uncertainty.** Crimson and white.  
**White Swan.** A very long stemmed, pure white variety.  
**Willie Garrett.** Rich crimson scarlet, a perfect flower.  
**Yellow Duke.** Immense, pure yellow. Each 25c. \$2.50. doz.  
 Price of any of the above (except where noted), in strong roots, 15c. each, per doz. \$1.50, \$11.00 per 100.

TO GROW DAHLIAS RIGHT, read what we say in "MICHELL'S SPECIAL DAHLIA CATALOGUE" Free if you ask for it.



True Show Dahlia



# DECORATIVE DAHLIAS

This Class is between a Cactus and a Double Type, they are very graceful and free bloomers, and will please those who do not care for either of the former types, the flowers are often larger than either of the latter



*Dahlia, Jack Rose*

**Admiral Dewey.** Brilliant pink, of finest form, very large flowers on long stems; this variety is really a quilled double. 20c. each, per doz. \$2.00.

**Black Beauty.** A very dark velvety maroon, entirely distinct form. 15c. each, per doz. \$1.50.

**Catherine Duer.** Bright iridescent crimson scarlet, very large, strong grower and extremely showy flower.

**Cuban Giant.** Dark glowing crimson, giant flower.

**C. W. Bruton.** Golden yellow. Each 15c., \$1.50 doz.

**Delice.** An exquisite shade of soft pink, suffused lavender. 50c. each, per doz. \$5.00.

**Eureka.** A giant flower, clear pink, beautifully quilled and formed; the petals are edged light pink, making a handsome show. 15c. each, per doz. \$1.50.

**Flora.** Very large, pure white, nearly cactus flowering type; the blooms frequently measure 7 inches in diameter.

**Fire Rain.** Bright scarlet, very free.

**Henry F. Michell.** Old gold and bronze.

**Jack Rose.** Color of the Jack rose, very good.

**Jennie Charmet.** Plants an exquisite pink, pure white at centre and light yellow at margins. Plants.

**Jumbo.** Deep scarlet, very large. Each 15c. \$1.50 doz.

**Kaiserin Aug. Victoria.** Pure white, large and fine.

**La France.** Free flowering, solferino red.

**TO GROW DAHLIAS RIGHT, read what we say in "MICHELL'S SPECIAL DAHLIA CATALOGUE".**

**Free if you ask for it.**

## NOTICE.

It sometimes occurs as the season advances that we are not able to deliver field roots, in which cases we send out strong thrifty plants at the same price. These give equally good results, blooming the same season.

**Lyndhurst.** One of the best bright scarlets, extra fine for cutting, every flower is perfect, with a long stem. 15c. each, per doz. \$1.50.

**Mad. Van den Dael.** An immense pink flower of beautiful form; color, shell pink shaded deep rose pink. 35c. each, doz. \$4.00.

**Miss Minnie McCullough.** A superb soft yellow, overlaid with bronze.

**Miss Nellie Stewart.** The flower has a light centre, shaded pink at the tips, long stemmed.

**Mme. A. Lumiere.** Unique coloring, pure white with deep red shadings on tips, makes a handsome effect. 35c. each, per doz. \$4.00.

**Mrs. Keith.** Soft salmon pink, very large, long stemmed flower. 15c. each, per doz. \$1.50.

**Mrs. Roosevelt.** A beautiful light pink, shaded lighter toward petals. 35c. each, per doz. \$4.00.

**Nymphaea.** Clear shrimp pink, tinted lighter in centre.

**Perle de Or.** Exquisite pure white, fine flower.

**Prof. Mansfield.** Golden yellow, tipped red.

**Souv. de Gustave Douzon.** A giant flower, pure red, very free. 25c. each, per doz. \$2.50.

**Sylvia.** Light pink, white centre, giant bloom.

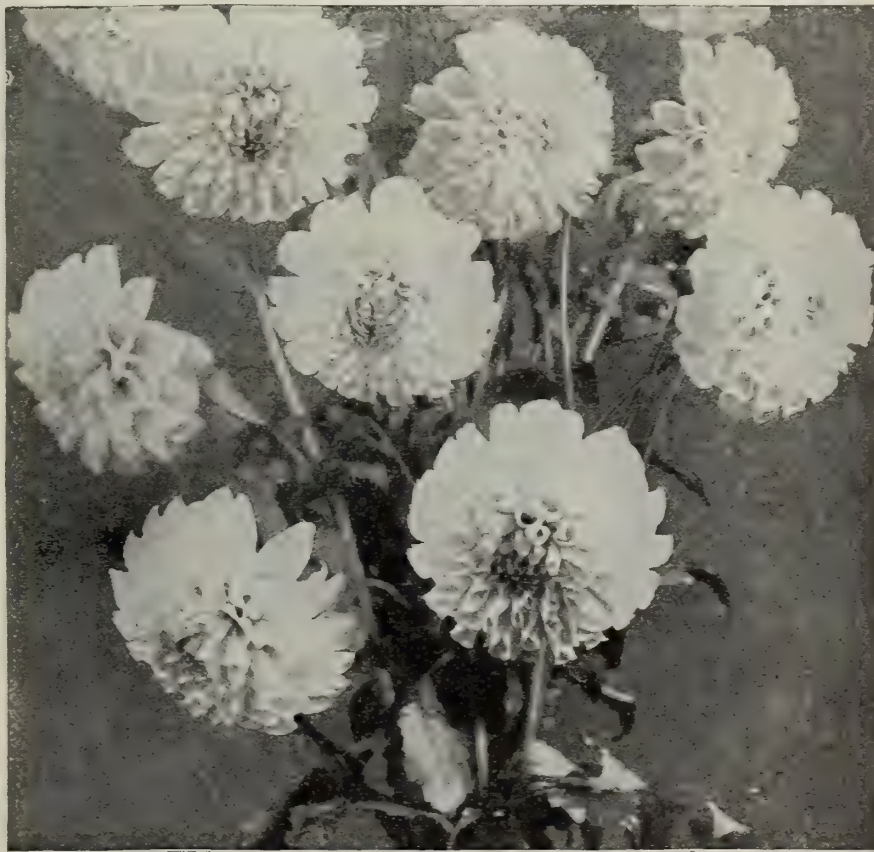
**W. W. Rawson.** Pure white, overlaid amethyst. 50c. each, per doz. \$5.00.

**Wm. Agnew.** Deep scarlet. Each 15c., \$1.50 doz.

**Yellow Duke.** Pure canary yellow, of immense size.

**Yellow Le Colosse.** Handsome pure yellow, a very free and early bloomer, large flower, long stemmed. Plants, 50c. each, per doz. \$5.00.

Prices of any Dahlias on this page, except where noted, 25c. each, per doz. \$2.50. \$15.00 per 100.



*Decorative Dahlia—Mrs Roosevelt*

## COLLARETTE DAHLIAS

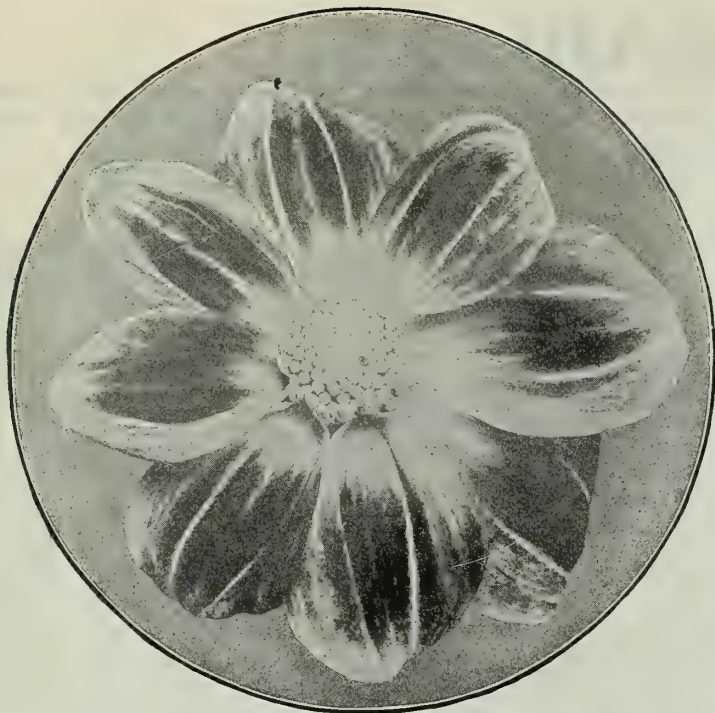
This type originated in France and looks like a single variety with a double row of short petals in the centre, it might be classed among the semi-double sorts.

**Maurice Rivoire.** Blood red, broad petals with a deep stripe in centre, pure white collar.

**President Viger.** Beautiful shade of claret with light shading toward edge, with pure white collar.

Price of Collarette Dahlias, 25c. each, per doz. \$2.50.





20th Century Dahlia

## SINGLE DAHLIAS

A collection of these in bloom make a glorious, brilliant show. The remarkable freedom of flowering is wonderful. For cutting and to be used for table or other decorative purposes, they are superb, and should be planted more generally.

### CENTURY TYPES

This class is especially desirable on account of their gigantic flowers.

**Cardinal.** Bright cardinal red, with beautiful yellow centre.

**Crimson Century.** Of tremendous size, very deep crimson, shaded dark. The petals are tipped with a shade of rose, while the centre is a beautiful rose pink.

**Gladys.** Crimson with white centre and tips; an improvement over Crimson Century. 50c. each, doz. \$5.00.

**Gorgeous.** Brilliant dazzling scarlet with an occasional white striped or a pure white petal.

**Twentieth Century.** Beautiful rosy crimson petals tipped white, and with a white disc around the centre, which is yellow. 15c. each, doz. \$1.50.

**Variegated Liszt.** Dark red base shaded bronze (semi-double Century).

**Pink Century.** Soft pink, immense flower.

**Souv. de Franz Liszt.** Deep rich garnet.

**White Century.** Immense glistening white, a grand flower.

**Yellow Century.** Single yellow dahlias, look like a giant field daisy. The color is a lemon shade and very attractive.

Price of any of the above (except where noted) in strong roots, 25c. each, per doz. \$2.50, \$15.00 per 100.

### NAMED REGULAR TYPES

**Albino.** A beautiful pure white, of large size and exceptional form. Price, 25c. each, per doz. \$2.50.

**Ami Barrillet.** A highly desirable variety of rich garnet color. The foliage is a purplish maroon, making a handsome appearance.

**Gaillardia.** Golden yellow with a broad band or disc of red around a yellow centre, very striking. Price, 25c. each, per doz. \$2.50.

**John Downie.** Intense crimson scarlet, of good form.

**Mollie.** Very light pink with a white disc around the yellow centre, very fine indeed.

**St. George.** Very large, pure canary yellow; a sturdy grower, very free blooming, branching plant.

**Striking.** Rich maroon, tipped white, one of the best in the single class; extremely large flowers.

**Twilight.** Large, well formed flower; soft lavender shaded rose; a very profuse bloomer; a good combination.

**White Cross.** Soft rosy lake, with a pure white stripe through the centre of each petal, very distinct.

Price of any of the above (except where noted), strong roots, 15c. each, per doz. \$1.50, \$11.00 per 100.



Pompon Dahlia—Philip Freud

## POMPON DAHLIAS

These represent a double dahlia in a smaller size. For bouquets, bedding or planting in borders with other plants they are ideal. The plant is very dwarf and compact, while the flowers have quite long stems.

**Allewine.** White, flushed a beautiful pink, a grand flower, produced in great quantity.

**Allie Mowry.** Very light pink, shaded a beautiful deep rose; very attractive flower.

**Fairy Queen.** Sulphur yellow, edged deep pink.

**Guiding Star.** A pure white flower, very fine.

**Hedwig Pohlig.** An extra good combination of scarlet and white, entirely distinct, very attractive.

**Le Petite Jean.** Rich dark crimson, a very desirable sort.

**Little Herman.** Very dark red, tipped white, a fine combination of color, free flowering.

**Klein Domitea.** Orange buff, very free bloomer.

**Philip Freud.** Golden buff, shaded rich crimson; one of the best of the pompon type.

**Snowclad.** The finest pure white, when in bloom the entire plant is a mass of flowers.

**Sunshine.** Brilliant scarlet, with fine full centre, very long stemmed, thus desirable for cutting.

**Splendens Imbricata.** Brilliant red, exquisite form and habit, very free bloomer.

Price of any of the above Pompon Dahlias, in strong roots, 15c. each, per doz. \$1.50, \$11.00 per 100.

## UNNAMED DAHLIAS IN MIXED AND SEPARATE COLORS

	Each	Doz.	100
Double White .....	\$0.12	\$1.25	\$9.00
“ Pink .....	.12	1.25	9.00
“ Red .....	.12	1.25	9.00
“ Yellow .....	.12	1.25	9.00
“ Mixed, all colors .....	.10	1.00	7.50
Single “ “ “ .....	.10	1.00	7.00

### SEED OF SINGLE DAHLIAS

If sown early it will generally bloom the first year. Our mixtures contain some handsome varieties. Price, 10c. and 15c. per packet.



## MICHELL'S SHOWY GLADIOLUS

What a wonderful stride this flower has made during recent years. Its popularity to-day is exceeded by few other flowers and it has by no means reached its limit. And there are good reasons for this popularity. Failure with this flower has never been known. They will grow in any open position and flower well. They are not only showy in the garden but when cut with the first flower open will last for 10 days in the house. The newer colorings defy the choicest orchids. Plant bulbs 4 inches deep, 6 inches apart and stake when 2 feet high. Flowers appear from early July until late in the fall.

### MICHELL'S SUPERB MIXTURES

**MicHELL's Giant Flowering Mixture.** Every bulb for this mixture has been selected with utmost care for coloring, size of flower and purity, no other mixture can boast of such careful selection .....

Each	Doz.	100	1000
\$.05	\$0.50	\$3.50	\$30.00

### GOLD MEDAL STRAIN

Mixed from choicest named sorts all possessing elements of merit.

**SECTION 1. Selected New Dark Hybrids.** All shades and combinations of red, scarlet and crimson. Each 15c., \$1.50 per doz., 25 bulbs \$2.75 postpaid, 50 bulbs \$5.25 postpaid, \$10.00 per 100 by express collect.

**SECTION 2. Selected New White, Light and Yellow Hybrids.** Each 20c., \$2.00 per doz., 25 bulbs \$3.25 postpaid, 50 bulbs \$6.25 postpaid, \$12.00 per 100 by express collect.

**SECTION 3. Selected New Blue Hybrids.** (No smoky or slate blues.) Each 25c., \$2.25 per doz., 25 bulbs \$4.00 postpaid, 50 bulbs \$7.75 postpaid, \$15.00 per 100 by express collect.

### SILVER TROPHY STRAIN

In three distinct shades of color, each separate. The varieties are among the finest of the Gladioli family, producing immense spikes of gigantic flowers.

**SECTION No. 1.**—This embraces all the shades of scarlet, red and crimson, care being taken to eliminate the objectionable ones. 6c. each, per doz. 60c., \$4.00 per 100.

**SECTION No. 2.**—The cream of all the yellow, pink, white and light shaded colors. 8c. each, per doz. 75c., \$5.00 per 100.

**SECTION No. 3.**—Lilac, heliotrope, violet and all the shades of light and dark blue compose this selection. The colors are most exquisite. 8c. each, per doz. 80c., \$6.00 per 100.

### GLADIOLUS IN MIXTURE

	Each	Doz.	100	1000
Groff's New Hybrids. Extra fine .....	\$0.04	\$0.30	\$2.00	\$18.00
Lemoines. Butterfly. Brilliant varieties .....	.04	.30	2.00	17.00
Childsii. A distinct mammoth type .....	.05	.50	3.75	30.00
Extra Choice. All colors mixed .....	.03	.30	1.50	12.00

### UNNAMED GLADIOLUS

	Each	Doz.	100	1000
White and Light Shades .....	\$0.04	\$0.35	\$2.50	\$20.00
Yellow in all Shades .....	.06	.60	4.00	37.50
Scarlet and Crimson .....	.04	.30	2.00	15.00
Pink and Rose .....	.04	.35	2.00	18.00
Striped and Variegated .....	.05	.40	3.00	25.00



*Gladiolus Glory*

## RECENT INTRODUCTIONS

## GLADIOLUS KUNDERDI "GLORY"

**NEW 1911**

Originated By A. E. KUNDERD

*One of the best introductions of American origin.*

*New Form.      New Class.      New Color.*

Each flower petal is exquisitely ruffled and fluted, a feature only known to Orchids. Stalks grow from 4 to 5 feet tall, very robust and produce from 8 to 15 massive beautiful flowers, which expand wide open and are delicate cream pink with a neat crimson stripe through the centre of each lower petal. All horticultural critics praise it unstintedly. 25c. each, doz. \$2.50, \$18.00 per 100.

**Independence.** Rich orange scarlet, all flowers are open at one time, very striking, late. 10c. each, doz. \$1.00, \$7.00 per 100.

**Philadelphia.** Flowers of good size well arranged on a tall spike, often 6 feet high; color, dark pink, ends of petals suffused with white. 20c. each, doz. \$2.00, \$15.00 per 100.

**Victory.** Delicate sulphur yellow, clear, the best yellow to date. 15c. each, doz. \$1.50, \$10.00 per 100.

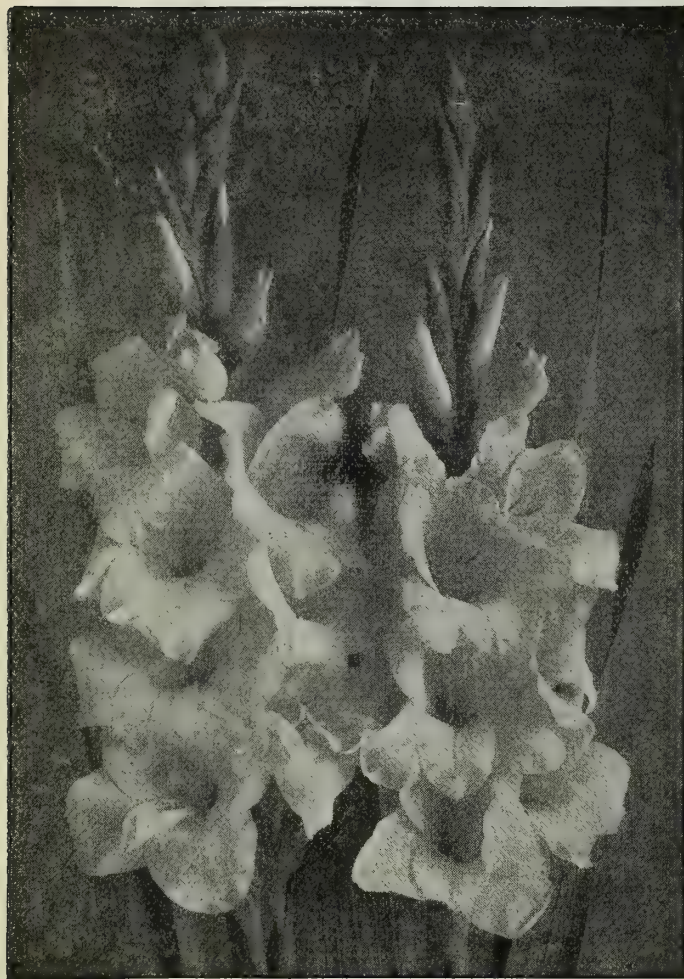
**Baron Hulot.** Rich deep indigo blue, one of the best of this color, in fact the only true blue variety; very rare. 25c. each, doz. \$2.50, \$18.00 per 100.

**Wm. Falconer.** Beautiful light clear pink, spike of great length and flowers of enormous size. 8c. each, doz. 75c., \$5.00 per 100.





# SELECTED NAMED VARIETIES OF GLADIOLUS



**America**



**Contrast**

**America.** This is one of the most vigorous growers in cultivation to-day. The color is a beautiful flesh pink tinged with lavender, flower spikes are two feet and more in length; it is a charming variety and should be in every collection and it well deserves its name. Each 10c., 75c. per doz., per 100 \$5.00.

**Augusta.** A lovely pure white with blue anthers; the bulb frequently produces two or more spikes. Each 5c., 50c. per doz., per 100 \$2.50.

**Attraction.** Deep rich crimson with a very conspicuous white throat centre, a very distinct variety. Each 8c., 75c. per doz.; per 100 \$5.50.

**Blanche.** One of the best white gladiolus, faintly marked pale rose. Each 10c., \$1.00 per doz., per 100 \$7.00.

**Brenchleyensis.** For brilliancy of color few can touch this one. The exquisite brilliant scarlet coloring is a show worthy to be seen. Each 3c., 25c. per doz., per 100 \$1.75.

**Canary Bird.** Soft light yellow, long spike, large blossoms. Each 15c., \$1.50 per doz., per 100 \$10.00.

**Cardinal.** A perfect spike and flower an intense cardinal red, very rich and showy, representing one of the finest varieties. Each 15c., \$1.50 per doz., per 100 \$11.00.

**Contrast.** Intense scarlet with a distinct pure white centre. One of the best gladiolus ever introduced. Each 25c., \$2.75 per doz., per 100 \$22.50.

**Columbia.** Light orange scarlet, freely blotched and penciled bluish purple, mottled throat. Each 5c., 50c. per doz., per 100 \$3.75.

**Eugene Scribe.** Very large wide flowers, of a beautiful tender rose color shaded carmine red. Each 8c., 80c. per doz., per 100 \$6.00.

**Eva.** Beautiful rose, shaded and slate colored throat, finely mottled in various shades. Each 10c., \$1.00 per doz., per 100 \$7.50.

**Glory of Brightwood.** Beautiful scarlet with lemon shaded throat, an exquisite flower. Each 7c., 75c. per doz., per 100 \$5.50.

**I. S. Hendrickson.** Irregularly mottling of white and deep pink; the white predominates in some, while in others it is the pink. Flowers and spike very large. Each 15c., \$1.50 per doz., per 100 \$11.00.

**Klondyke.** An early bloomer, floret very round, well opened, of a clear primrose shade, blotched crimson maroon. 8c. each, per doz. 80c., \$6.00 per 100.

**Little Blush.** Of dwarf compact habit, excellent for beds or borders, flower blush white. Each 7c., 75c. per doz., per 100 \$5.50.

**Lydia.** A combination of pinkish white and deep crimson. No two spikes are seldom alike. Each 20c., \$1.75 per doz., per 100 \$12.50.

**May.** White, finely flaked, bright rosy crimson, extra strong spike. Each 5c., 40c. per doz., per 100 \$2.50.

**Mrs. Frances King.** Light scarlet, of a very pleasing shade; a grand flower. Each 8c., 75c. per doz., per 100 \$5.50.

**Princips.** The dazzling scarlet florets are immense in size and beauty. The slight marking of white on the lower petal sets it off to great advantage. Each 15c., \$1.60 per doz., per 100 \$9.00.

**Senator Volland.** A real blue gladioli with extremely large flowers, blotched dark violet, stained yellow with a blue stripe; a real odd combination. Each 12c., \$1.25 per doz., per 100 \$9.00.

**Shakespeare.** Pure white slightly suffused with carmine, with a large blotch of rose on the petals. Each 10c., \$1.00 per doz., per 100 \$7.50.

**Sunlight.** Light crimson with large canary yellow throat, mottled velvety maroon. Each 10c., \$1.00 per doz., per 100 \$7.00.



**Blanche**



# HARDY GARDEN LILIES

What garden could be called complete without a fair display of these stately flowers. Their graceful habits, their ability to adapt themselves to special locations and the variety of them to have flowers almost the entire year makes them very valuable. Their culture is simple yet a few rules must be strictly observed to make them grow successful.

All lilies should be planted from 6 to 8 inches deep, the Japanese varieties even 12 inches deep, the bulbs themselves should be



*Lilium Auratum Platyphyllum*

completely enveloped in sand; no manure should come in contact with the bulb, but may be placed 4 to 6 inches underneath, all loose petaled bulbs should be planted on their side instead of upright. Please observe where we mention special locations.

In winter all lilies should have a protection with leaves.

Wild gardening, a feature becoming popular of late, gives lilies the foremost place.

## JAPANESE LILIES

**Auratum.** (*Golden Banded Japan Lily*.) Flowers pure white spotted crimson; 6 to 7 inches across. In bloom July and August.  
Large Bulbs .....20c. each, per doz. \$2.00, \$15.00 per 100  
Mammoth Bulbs .....30c. each, per doz. 3.00, 20.00 per 100  
Monster Bulbs .....40c. each, per doz. 4.00, 25.00 per 100

**Auratum Platyphyllum.** The flower is of gigantic size, frequently measuring 10 inches across. Color like the Auratum.

Large Bulbs .....20c. each, per doz. \$2.00, \$15.00 per 100

**Album.** (*Praecox*.) Pure white, greenish streak through the petal; flowers 5 to 6 inches diameter. Blooming in August.

Large Bulbs .....20c. each, per doz. \$1.80, \$12.50 per 100

Mammoth Bulbs .....25c. each, per doz. 2.50, 15.00 per 100

**Album Kraetzeri.** The flowers are very large, measuring 6 to 8 inches when expanded. Blooming in August. Pure white.

Mammoth Bulbs .....30c. each, per doz. \$3.00, \$20.00 per 100

**Magnificum.** Color, a very rich pink, spotted deep red.

Large Bulbs .....15c. each, per doz. \$1.50, \$10.00 per 100

Mammoth Bulbs .....25c. each, per doz. 2.50, 15.00 per 100

**Melpomene.** Rich deep pink, spotted crimson.

Large Bulbs .....15c. each, per doz. \$1.50, \$10.00 per 100

**Rubrum or Roseum.** Deep pink, heavy markings of crimson.

Large Bulbs .....15c. each, per doz. \$1.50, \$10.00 per 100

Mammoth Bulbs .....25c. each, per doz. 2.50, 15.00 per 100

**Tenuifolium.** (*Coral Lily*.) Rich orange scarlet. Flowering in May and June. 15c. each, per doz. \$1.50, \$10.00 per 100.

**Tigrinum.** Golden orange spotted black. Blooms in July and August.

Splendens. (*Improved Single Tiger Lily*.) 4 to 5 feet high.

Large Bulbs .....10c. each, per doz. \$1.00, \$7.50 per 100

Flore Plena. (*Improved Double Tiger Lily*.) 5 feet high.

Large Bulbs .....15c. each, per doz. \$1.50, \$10.00 per 100

**Umbellatum.** The best hardy yellow lily. Blooms June and July. 15c. each, per doz. \$1.50, \$10.00 per 100.

## NATIVE OR HOME GROWN LILIES

Ideal for naturalizing.

**Canadensis** (*Canadian Bellflower Lily*.) Easily cultivated and multiplies readily; bright yellow bell-shaped flowers hanging downward; petals are spotted black on inside; flowers

	Each	Doz.	100
June and July; 2 feet .....	\$0.10	\$1.00	\$7.00

**Canadensis Rubrum.** Same as above, crimson with black spots .....

.15	1.50	10.00
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**Candidum** (*Madonna Lilies*.) The only time these should be planted is in September; delivery of bulbs in fall; stately straight stalks with pure white flowers of delicious fragrance .....

.15	1.50	10.00
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**Elegans, Red.** One of the earliest lilies to bloom, flowering early June; 2 feet; large open flowers stand upright in clusters from 3 to 5 on a stout stem .....

.15	1.50	10.00
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**Elegans, Yellow.** A yellow form of the above .....

.15	1.50	10.00
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**Hansonii.** Often grows from 3 to 5 feet high, flowers reddish orange 8 to 12 in a cluster; petals thick and durable .....

.50	5.00	40.00
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**Henryi** (*New and Rare*.) Tall grower, often 7 feet; producing flowers of a distinct orange yellow in great profusion .....

1.00	10.00
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**Superbum** (*Turk's Cap Lily*.) One of the best lilies for all purposes; will succeed everywhere; according to location will grow from 3 to 6 feet high and produce from 5 to 45 nodding brilliant orange red flowers on a single stalk during July .....

.15	1.50	10.00
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# FLOWERING PLANTS FOR GREENHOUSES

YOUNG STOCK TO GROW ON

## ROSES

Ready for Delivery March 1

### NEW ROSE DOUBLE PINK KILLARNEY

Exactly like the favorite Pink Killarney in shape and color, with one great improvement, that the individual flower has many more petals, making it a truly double flower of exceptional beauty.

Price on own root plants	Each	Doz.	100
" " grafted plants	Each	Doz.	100
	\$0.50	\$5.00	\$35.00
	.75	7.50	50.00

### STANDARD SORTS

	2½ in. pots			2 in. pots		
	Each	Doz.	100	Each	Doz.	100
White Killarney. White..	\$0.30	\$3.00	\$20.00	\$0.15	\$1.50	\$10.00
My Maryland. Pink.....	.30	3.00	20.00	.15	1.50	10.00
Killarney. Pink .....	.30	3.00	20.00	.15	1.50	10.00
Richmond. Deep crimson...	.30	3.00	20.00	.15	1.50	10.00
Bride. White .....	.30	3.00	20.00	.15	1.50	10.00
Bridesmaid. Pink .....	.30	3.00	20.00	.15	1.50	10.00
Kaiserin. White .....	.30	3.00	20.00	.15	1.50	10.00
Pres. Carnot. Pink .....	.30	3.00	20.00	.15	1.50	10.00

After June 1st we can furnish plants from 3 and 4-inch pots, for which there will be an extra charge; prices on application.

## CHRYSANTHEMUMS

Rooted Cuttings, Ready February 1 Pot Plants, Ready March 1

### NEW INTRODUCTIONS

#### YELLOW

	Rooted Cuttings			Pot Plants		
	Each	Doz.	100	Each	Doz.	100
Midseason—Mary Donnell. Globular flower of deep golden yellow, immense in size .....	\$0.15	\$1.50	\$10.00	\$0.20	\$2.00	\$15.00
Midseason—R. F. Felton. Very intense yellow .....	.15	1.50	8.00	.20	1.75	12.00
Midseason—W. E. Kelley. Large golden yellow ....	.15	1.50	8.00	.20	1.75	12.00
Midseason—Golden King. Bright golden yellow, dwarf .....	.15	1.50	8.00	.20	1.75	12.00
Midseason—Yellow Ivory. A yellow favorite sort....	.15	1.50	8.00	.20	1.75	12.00

#### PINK

Midseason—Edmond Albe. Very large, incurved, pink .....	.15	1.50	8.00	.20	1.75	12.00
Midseason—Mrs. Wincott. A fine pink .....	.15	1.50	8.00	.20	1.75	12.00
Late—Well's Late Pink. Mauve pink .....	.15	1.50	8.00	.20	1.75	12.00

#### WHITE

Midseason—Elise Papworth. Pure snowy white .....	.15	1.50	10.00	.20	1.75	12.00
Midseason—Mrs. Wm. Arnold. White, stiff petals..	.15	1.50	10.00	.20	1.75	12.00
Early—Pres. Taft. White.	.15	1.50	10.00	.20	1.75	12.00

### STANDARD VARIETIES

#### WHITE

	Each	Doz.	100
Early—Geo. S. Kalb, Early Snow, Ivory....	\$0.15	\$1.50	\$9.00
Midseason—White Shaw, Miss Clay Frick, Virginia Poehlman, Mlle. Marguerite Desjous, White Cloud .....	.15	1.50	9.00
Late—Mrs. McArthur, W. H. Chadwick, Timothy Eaton .....	.15	1.50	9.00

#### YELLOW

Early—Golden Glow, Robert Halliday .....	.15	1.50	9.00
Midseason—Col. D. Appleton .....	.15	1.50	9.00
Late—Major Bonnaffon, Dolly Dimple, Golden Eagle, Golden Chadwick, Pennsylvania .....	.15	1.50	9.00

#### PINK

Early—Glory of Pacific, Rosiere, Pacific Supreme, Gloria .....	.15	1.50	9.00
Midseason—Pink Ivory, A. J. Balfour, J. K. Shaw .....	.15	1.50	9.00
Late—Dr. Enguehard, Maud Dean, Patty, W. T. Brock, Mlle. J. Rosette, Helen Frick .....	.15	1.50	9.00

#### RED AND BRONZE

Late—Intensity, Mrs. H. Partridge, Mrs. J. A. Miller .....	.15	1.50	9.00
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### New Pot Carnation Christmas Cheer



#### The Sensation of the Flower World

A pot carnation absolutely unique. Color a brilliant, glowing poinsettia scarlet. Easier to grow than a geranium. Will produce 100 or more blooms in a season, and can be had for Christmas in 6-inch pots with 25 to 50 blooms and buds. This wonderful Carnation was awarded a special certificate of merit by the Maryland Horticultural Society, Baltimore, at the 1909 Exhibition.

Rooted Cuttings ready February 1st. 30c. each, dozen \$3.25, \$25.00 per 100.

## CARNATIONS

ROOTED CUTTINGS, Ready in January

#### WHITE

	Doz.	100	1000
Bon Ami. Exceptionally fine white .....	\$1.50	\$8.00	\$75.00
White Enchantress. Of purest white, very popular .....	1.00	6.00	55.00
White Perfection. The largest white carnation .....	1.00	6.00	55.00

#### PINK

Dorothy Gordon. A shade deeper than Enchantress .....	1.50	8.00	75.00
Mrs. C. W. Ward. Deep pink but lighter than Lawson .....	1.50	8.00	75.00
Sangamo. Pink, brighter than Winona....	1.50	8.00	75.00
Pink Delight. Deeper and brighter than Enchantress .....	1.50	8.00	75.00
Mary Tolman. Soft pink .....	1.50	8.00	75.00
May Day. Light pink .....	1.00	6.00	55.00
Winsor. Clear rose pink .....	1.00	6.00	55.00
Afterglow. Deep scarlet pink .....	1.00	6.00	55.00
Enchantress. Light soft pink .....	1.00	6.00	55.00

#### RED

Scarlet Glow. Bright clear scarlet .....	1.50	8.00	75.00
Beacon. Bright red .....	1.00	6.00	55.00

#### CRIMSON

Ruby. Deep crimson, gigantic flower .....	1.00	6.00	55.00
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#### YELLOW

J. Whitcomb Riley. Light primrose yellow.	1.50	8.00	75.00
Canarie Bird. Canary yellow .....	1.50	8.00	75.00



# HARDY PERENNIAL PLANTS

There is hardly a flower lover to-day who does not, with some amount of pleasure, recall the many beautiful old-fashioned flowers grandmother used to grow. They require little care and once planted reappeared each year in grander beauty. Those are the hardy perennials we offer here. Their popularity is increasing in many ways. Their value in gardens is shown effectively when planted in masses, say from 12 to 50 specimen in one spot. A variety can be planted in such a manner as to have some bloom from April till December. Once planted they invariably live forever and steadily increase.

We gladly submit suggestions in laying out perennial borders or complete hardy gardens. No charge for this service.

## \*ACHILLEA PTARMICA, THE PEARL

Each Doz. 100

Flowers borne in the greatest profusion the entire summer on strong erect stems 2 feet high; of the purest white .....\$0.15 \$1.50 \$10.00

## \*ACONITUM (Monkshood)

Bushy plants grow 4 feet high and bloom in clusters of beautiful helmet-shaped flowers. Well adapted for shady situations.

Each Doz. 100

Napellus. Large dark blue flowers .....\$0.20 \$2.00 \$15.00  
" Album. Fine white flowers ..... .20 2.00 15.00

## \*ANCHUSA ITALICA, "DROPMORE VARIETY"

All blue flowers are desirable in the garden because there are but few; plants grow 4 feet high in pyramidal shape; branch freely and are overloaded with bright blue, forget-me-not-like flowers; from June 15 till late in fall; very showy and valuable ..... .25 2.50 18.00

## \*AGROSTEMMA CORONARIA (Mullein Pink)

Each Doz. 100

Tufts of silvery foliage throwing up many silver-lined stems 2 feet high, with bright single crimson flowers during June and July .15 1.50 10.00

## \*ALYSSUM SAXATILE COMPACTUM

(Gold Dust) Each Doz. 100

A splendid edging plant for borders or spring beds. Silvery gray foliage from short tufts which at the end of May are surmounted with masses of deep golden flowers ..... .15 1.50 10.00

## \*AQUILEGIA (Columbine)

For spring flowers they are invaluable, producing their graceful spurred flowers on stems rising 2 feet or more over their elegant foliage.

Each Doz. 100

Chrysantha. Bright yellow, long spurred flowers .....\$0.15 \$1.50 \$10.00  
Coerulea. Bright blue and white; long spurred .15 1.50 10.00  
Chrysantha Alba. Pure white, long spurred .20 2.00 15.00  
Canadensis. The native; bright red and yellow .15 1.50 10.00

## \*ARABIS (Rock Cress)

The early spring flowers are of the purest white; dwarf bushy plants attain a height of six inches; ideal for rockeries and edges for borders.

Each Doz. 100

Alpina. Single snowy-white flowers .....\$0.15 \$1.50 \$10.00  
" Fl. Pl. Double form, very showy... .15 1.50 10.00

## \*ARMERIA MARITIMA (Sea Pink)

Attractive dwarf plants, forming evergreen tufts from which innumerable pink flowers grow in dense heads on stiff stems 9 inches high ..... .15 1.50 10.00

## \*HARDY ASTERS (Michaelmas Daisy)

These well known, native, fall flowering stately plants have a value of their own, as they may be used with splendid effect in borders and stillmoreso as solitary show in lawns. For cutting they are invaluable.

Each Doz. 100

Snowflake. 18 in., very free, pure white....\$0.15 \$1.50 \$10.00  
Geo. Arends. Rosy lavender, 3 feet ..... .15 1.50 10.00  
Mrs. F. W. Raynor. Light redding violet, 4 feet ..... .15 1.50 10.00  
Ryecroft Pink. Soft rosy pink, 4 feet ..... .15 1.50 10.00  
Grandiflorus. Deep violet blue, 2 feet ..... .15 1.50 10.00  
Hybrids Mixed. A grand assortment ..... .10 1.00 6.00



*Anemone Japonica*

## \*ANEMONE JAPONICA (Japanese Windflower)

A glorious fall flower; plants grow 2 to 3 feet high and are ideal for cutting; flowers in cup form appear sometime in August and remain till frost.

Each Doz. 100

Whirlwind. Large semi-double pure white flowers .....\$0.15 \$1.50 \$10.00  
Queen Charlotte. Very large semi-double pink flowers ..... .15 1.50 10.00  
Prince Henry. Deep rich pink flowers, quite double ..... .15 1.50 10.00

## \*BOLTONIA (False Chamomile)

Tall growing showy plants with hardy aster-like flowers appearing in September, 5 to 7 feet.

Each Doz. 100

Asteroides. Pure white .....\$0.15 \$1.50 \$10.00  
Latisquama. Pink, tinted lavender ..... .15 1.50 10.00  
" Nana. Growing only 2 ft. high .15 1.50 10.00

## \*CAMPANULA, PERENNIAL (Bellflower)

Showy plants of special merits; some are tall, suitable for effective borders, others are dwarf, for rockeries or edges.

Glomerata. Dwarf, dense clusters of funnel-shaped violet blue flowers, June to August, 18 inches .....\$0.15 \$1.50 \$10.00  
Persicifolia Grandiflora Coerulea (Peach Bell). Stately spikes, 3 feet high, blue bell-shaped flowers ..... .15 1.50 10.00  
Persicifolia Grandiflora Alba. Purest white .15 1.50 10.00  
Moerheimi. Giant double bells of purest white, 3 feet ..... .25 2.50 15.00  
Humosa. Same as "Moerheimi," with blue flowers ..... .25 2.50 15.00

Plants can be shipped via express or freight only. No Plants sent C. O. D.



**HARDY CARNATION (Scotch Pinks)**

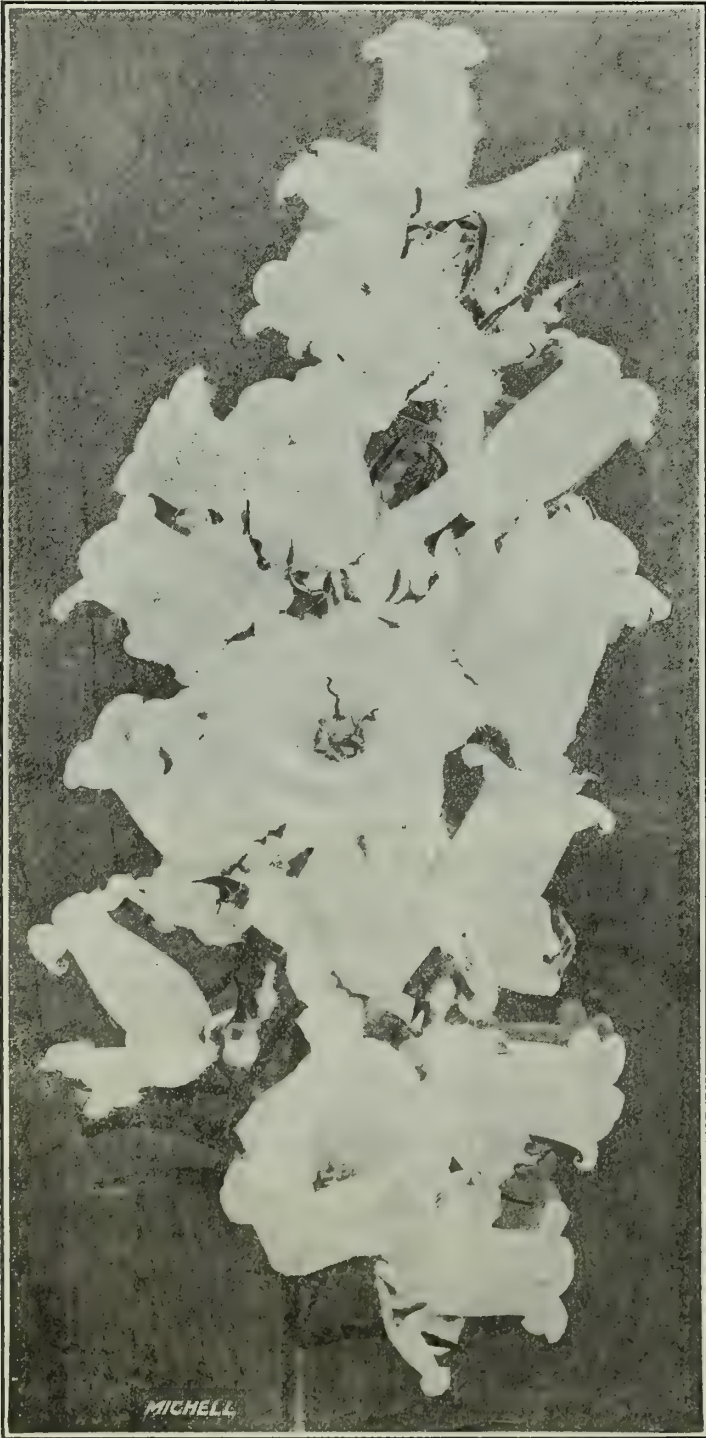
For rockeries or edging borders we know of no showier plants; they are very hardy and rapidly increase. A great point in their favor is that they are deliciously fragrant; flower in June.

	Each	Doz.	100
Her Majesty. Purest white .....	\$0.15	\$1.50	\$10.00
Carmen. Light pink .....	.15	1.50	10.00
Lord Lyon. Deep pink .....	.15	1.50	10.00
White Reserve. White fragrant flowers during the whole summer .....	.25	2.50	18.00
Semperflorens, Mixed .....	.10	1.00	6.00

**COREOPSIS LANCEOLATA GRANDIFLORA**

A splendid perennial; flowers rich golden yellow of graceful form and fine for cutting;

June till October, succeeds everywhere .... .15 1.50 10.00



*Campanula Calycanthema*

**CAMPANULA CALYCANTHEMA**

(Cup and Saucer Canterbury Bell)

These are biennials but are extremely showy, both for effect and cutting; spikes 4 feet; July.

	Each	Doz.	100
Pink .....	\$0.15	\$1.50	\$10.00
White .....	.15	1.50	10.00
Blue .....	.15	1.50	10.00



*Delphinium Kelway's Hybrids*

**MICHELL'S STATELY DELPHINIUMS**

**HARDY LARKSPUR**

Few other plants are as stately as these Hardy Larkspur. They can be massed, grouped, or planted in every instance they are effective.

	Each	Doz.	100
Bella Donna. The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled by any other...\$0.25	\$0.25	\$2.50	\$18.00
King of Delphiniums. Remarkably strong vigorous plants with flowers of gigantic size, semi-double, deep blue, white eye .....	.25	2.50	18.00
Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous; free blooming....	.15	1.50	10.00
Formosum Coelestinum. Most beautiful heavenly blue, immense flowers on tall spikes	.15	1.50	10.00
Chinense Azureum. Plants grow but 2 feet tall, branch freely, each branch terminating with a loose spray of single flowers; color, a deep clear blue, fine for cutting .....	.15	1.50	10.00
Chinense Album. The same as above in white	.15	1.50	10.00
Kelway's Hybrids. No finer strain has ever been produced; the plants we offer are a re-selection from a choice private collection...	.15	1.50	10.00



**DIELYTRA SPECTABILIS (Bleeding Heart)**

Each Doz. 100

A bushy plant with many individual stems lined with pink heart-shaped flowers drooping downward. A most decorative plant, suitable as specimen or in combination in borders, July .....\$0.15 \$1.50 \$10.00

**DIGITALIS (Foxglove)**

These showy plants are but biennials but can be made perennial by the following treatment: Immediately after blooming, remove the flower stalk right down to the ground, also crop some of the large leaves; the result a number of new plants start from the old crown, which produce splendid flowers the second year. Digitalis will do well in semi-shady spots; spikes grow from 4 to 6 feet high, flower June.

	Each	Doz.	100
<b>Gloxinaeflora White</b> .....	\$0.15	\$1.50	\$10.00
" <b>Pink</b> .....	.15	1.50	10.00
" <b>Blue</b> .....	.15	1.50	10.00
" <b>Mixed</b> .....	.10	1.00	7.00

**DORONICUM EXCELSUM**

An effective early spring flowering perennial, growing 2 feet high, with huge bright yellow, daisy-like flowers; fine for cutting .... .15 1.50 10.00

**EREMURUS (Giant Lilies)**

These are wonderful plants, bearing spikes often 10 to 12 feet high, crowned with a multitude of lily-like flowers; they need a deep rich soil.

	Doz.	100
<b>Robustus.</b> Clear rose, gigantic roots, sure to bloom.	\$0.50	\$5.00
<b>Himalaicus.</b> Snow white .....	.50	5.00

**FUNKIA (Day Lily or Plantain)**

The broad massive foliage makes them attractive border plants, even though they are not in bloom. They are used invariably as edging plants for entire gardens, also as specimen in lawns.

	Each	Doz.	100
<b>Coerulea.</b> Blue flowers, broad green leaves.	\$0.15	\$1.50	\$10.00
<b>Subcordata Grandiflora.</b> Pure white lily-shaped fragrant flowers in August; foliage broad and green .....	.15	1.50	10.00
<b>Undulata Media Picta.</b> Green and white variegated foliage, purple flowers, fine for edging .....	.15	1.50	10.00

**WHITE (Continued)**

- L. **Queen of White.** Fine creamy white.
- L. **The Hub.** Fine, white open centre.
- S. **James Boone.** Pure white.
- A. **Earl.** Pearl white, silver rose centre, dwarf.
- A. **Lady Oliva.** Beautiful white.
- A. **Gracie.** White full centre.

**PINK**

- L. **Austin.** Lilac rose, cut petals.
- L. **Dinizulu.** Light rose.
- L. **Flossie.** Silver pink.
- L. **St. Illoria.** Silver rose, quilled petals.
- S. **Rhoda.** Pink, shaded white.
- A. **Oban.** Silver pink, anemone centre.
- L. **Elkton.** Light pink, full.

**RED**

- L. **Fred. J.** Red orange, for cut flowers.
- L. **Joppa.** Violet crimson.
- S. **Ermine.** Bright orange scarlet.
- S. **Rufus.** Crimson maroon.
- Sg. **Northumberland.** Bright scarlet, yellow disc.
- Sg. **Baltimore.** Violet red.
- S. **Little George.** Violet red.

*We can also supply all other varieties not offered here.*

Prices: Extra strong pot-grown plants, each 10c., \$1.00 per dozen, per 100 \$6.00. Set of 30 varieties, \$2.50.

**HARDY CHRYSANTHEMUMS**

They are welcome visitors in gardens, as they appear when few flowers are with us; the last thing in the fall. To facilitate selection we have classed them as to colors; the letter L prefixed means large flowered; the letter S, small flowered; the letters Sg., Single; the letter A, anemone flowered.

**YELLOW**

- L. **Globe d'Or.** Clear yellow.
- L. **Ida.** Bright golden yellow.
- L. **Patterson.** Old gold.
- S. **Agalia.** Light orange, shaded pink.
- S. **Eagle d'Or.** Chrome yellow.
- S. **Golden Pheasant.** Deep orange yellow.
- S. **Sunshine.** Bright golden yellow.
- S. **Tennyson.** Pure yellow.
- L. **Excelsior.** Bright orange yellow.
- L. **Triumph d'Or.** Rich golden yellow.

**BRONZE**

- L. **Peto.** Rich bronze.
- Sg. **Sir Walter Raleigh.** Light bronze.

**WHITE**

- L. **Irene.** Pure white, shaded flesh.
- L. **Lady Naylor.** White.
- L. **Louisa.** White, long stems.
- L. **Prince of Wales.** Best pure white.



*Hardy Chrysanthemum—Prince of Wales*





## GAILLARDIA GRANDIFLORA

(Blanket Flower)

Hardy plants, growing about 2 feet high and flowering from June until frost. The large daisy-like blooms are of gorgeous coloring, a combination of rings in gold and red....

Each	Doz.	100
\$0.15	\$1.50	\$10.00

## GYPSOPHILA (Baby's Breath)

A very useful plant growing about 2½ feet tall with innumerable fine branches crowned with miniature white flowers; July.

	Each	Doz.	100
<b>Paniculata.</b> Single, white .....	\$0.15	\$1.50	\$10.00
" <b>Fl. Pl.</b> A double form, new....	.25	2.50	18.00

## HELENIUM (Sneezewort)

Desirable perennials with broad spreading heads of flowers.

<b>Autumnale Superbum.</b> Golden yellow, Sep-	Each	Doz.	100
tember, 4 feet .....	\$0.15	\$1.50	\$10.00
<b>Bigelowi.</b> Rich yellow flowers, July, 2 feet..	.15	1.50	10.00
<b>Grandicephalum Striatum.</b> Deep orange striped crimson flowers; September, 4 feet	.15	1.50	10.00

## HELIOPSIS PITCHERIANA (Orange Sunflower)

Very similar to a small sunflower, but flower-	Each	Doz.	100
ing earlier, deep golden yellow, all summer	.15	1.50	10.00

## HELIANTHUS (Sunflower)

All varieties we offer are effective garden plants.

<b>Multiflorus, Fl. Pl.</b> (Double Hardy Sun-	Each	Doz.	100
flower). Large double dahlia-like golden			
yellow flowers on long stems; July, 4 feet..	.15	1.50	10.00
<b>Rigidus.</b> Single, golden yellow, July, 3 feet..	.15	1.50	10.00
<b>Wolley Dod.</b> Yellow, September, 5 feet ....	.15	1.50	10.00

## HEMEROCALLIS (Yellow Day Lily)

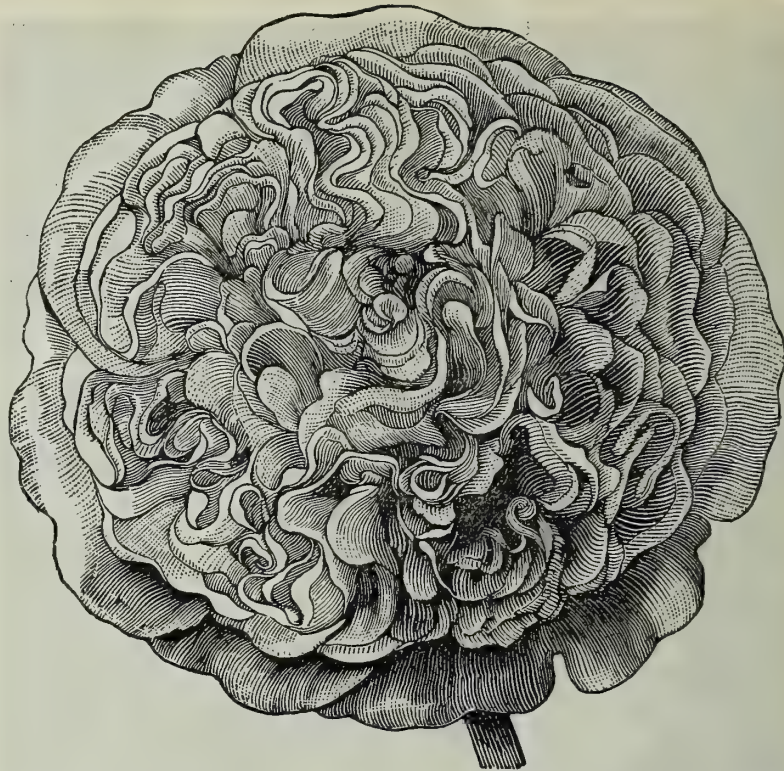
Lily-like plant, which flowers in greatest profusion during July.

	Each	Doz.	100
<b>Flava.</b> Light yellow flowers, 3 feet .....	\$0.15	\$1.50	\$10.00
<b>Aurantiaca Major.</b> Large, orange flowers..	.25	2.50	18.00

## HIBISCUS (Mallow)

A showy plant growing best in damp locations.

<b>Meehani</b> (Meehan's Marvel Mallow). A fast	Each	Doz.	100
growing plant, attaining a height of 5 feet			
and flowering continuously from July till			
frost; all colors .....	.25	2.50	18.00
<b>Moschatus</b> (Musk Mallow). Large bell-			
shaped flowers of delicate pink, darker eye.	.15	1.50	10.00
<b>Crimson Eye.</b> Immense flowers of purest			
white with deep crimson eye, July, 4 feet..	.15	1.50	10.00



## MICHELL'S MAGNIFICENT HOLLYHOCKS

No hardy or old-fashioned garden can be thought complete without these majestic flowers. In long rows or massed in clumps in lawns they are immensely showy, but most effective of all when planted in unconventional clusters in front of white painted buildings. Our Hollyhocks are "distinctive" and truly superb.

	Each	Doz.	100
<b>Double Crimson</b> .....	\$0.20	\$2.00	\$15.00
" <b>Salmon Pink</b> .....	.20	2.00	15.00
" <b>Canary Yellow</b> .....	.20	2.00	15.00
" <b>White</b> .....	.20	2.00	15.00
" <b>Pink</b> .....	.20	2.00	15.00
" <b>Maroon</b> .....	.20	2.00	15.00
" <b>Mixed</b> .....	.15	1.50	10.00
<b>Single Mixed</b> .....	.15	1.50	10.00
<b>Alleghany Fringed Mixed</b> .....	.20	2.00	15.00

## HEUCHERA SANGUINEA (Alum Root)

Desirable dwarf plant of easy culture. Foliage remains close to the ground. During July and August the graceful thin flower-spike, 2 feet high, appear in profusion all crowned with loose heads of bright scarlet flowers..

Each	Doz.	100
\$0.15	\$1.50	\$10.00

## INCARVILLEA (Hardy Gloxinias)

An exquisite flowering perennial; foliage resembles Oriental poppy except being glossy. In the early spring the gloxinia-like flowers appear on stout stems 12 inches high. They require a protection of leaves during winter.

	Each	Doz.
<b>Delavayi.</b> Rose pink, May .....	\$0.15	\$1.50
" <b>Grandiflora.</b> Immense flowers of delicate		
pink with yellow blotch in throat .....	.25	2.50

## LATHYRUS (Hardy Pea)

Their growth is similar to Sweet Peas, in fact the flowers resemble them.

	Each	Doz.	100
<b>Latifolius.</b> Rosy crimson .....	\$0.15	\$1.50	\$10.00
" <b>Albus.</b> Pure white .....	.15	1.50	10.00
" <b>Pink Beauty.</b> Clear pink .....	.15	1.50	10.00

## LIATRIS PYCNOSTACHYA (Blazing Star)

Attractive native plants with solid spikes of light rosy-purple flowers, 5 feet, August...

Each	Doz.	100
.15	1.50	10.00

## LILY OF THE VALLEY

This popular flower does well in shady situations where it is not disturbed. We offer natural clumps .....

Each	Doz.	100
.25	2.50	18.00

Plants can be shipped via express or freight only, No Plants sent C. O. D.





Japanese Iris

**JAPAN IRIS**

The flowers resemble orchids in coloring, are gigantic and are carried erect on stems averaging 3 feet or more. These Iris succeed best in moist locations, but will grow in dry soil also. On account of our inability to guarantee colors to come true, we offer mixtures only.

	Each	Doz.	100
<b>Mixed Colors.</b> A choice assortment .....	\$0.15	\$1.50	\$10.00

**IRIS PALLIDA DALMATICA**

A German Iris in form but much superior and in a	Each	Doz.	
class of its own; foliage silver green, 2 inches in			
width and 2 feet high; flower-stalks grow to a			
height of 5 feet and bear from 4 to 8 gigantic flow-			
ers of the most delicate lavender .....	\$0.25	\$2.50	

**GERMAN IRIS**

Splendid showy spring-flowering plants; to get proper effect plant in large quantities in informal beds, using shrubs or trees as background. They do best in high, dry land and increase rapidly; we offer a mixture containing every conceivable color; flower in June.

	Each	Doz.	100
<b>Mixed Colors.</b> Large clumps .....	\$0.10	\$1.00	\$7.00
We can also furnish separate colors .....	.15	1.50	10.00

**LYCHNIS (Campton)**

Of easy culture, they soon develop to large bushy plants, all of them showy when in bloom.

<b>Chalcedonica.</b> Heads of brilliant orange	Each	Doz.	100
scarlet; 2 feet; all summer .....	\$0.15	\$1.50	\$10.00
<b>Semperflorens, Pl.</b> ( <i>Cuckoo Flower</i> ). 12 in.,			
soft pink flowers, blooms all summer .....	.15	1.50	10.00
<b>Viscaria</b> ( <i>Ragged Robbin, London Pride</i> ).			
Double red flowers on stalks 15 inches high,			
very showy, June .....	.15	1.50	10.00

**LUPINUS POLYPHYLLUS (Lupins)**

Of exceptional value, as they flower equally well in sunny or shady spots. Plants grow 3 feet high and make an effective showing for 3 weeks in July.

	Each	Doz.	100
<b>Blue</b> .....	\$0.15	\$1.50	\$10.00
<b>White</b> .....	.15	1.50	10.00
<b>Roseus.</b> Pink (new and very showy) .....	.25	2.50	18.00

**LYTHRUM ROSEUM SUPERBUM**

( <i>Rose Loosestrife</i> )	Each	Doz.	100
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Strong growing plant, 3 to 4 feet high, pro-			
ducing large spikes of rose-colored flowers			
from July to September .....	.15	1.50	10.00

**MONARDA DIDYMA (Bee Balm) (Bergamot)**

Each	Doz.	100
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Stately spikes, 4 feet tall, appear in great profusion over-topped with heads of bright scarlet flowers, July and August .....

\$0.15	\$1.50	\$10.00
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**OENOTHERA (Evening Primrose)**

In open sunny positions they are extremely effective; flowering continuously all summer.

	Each	Doz.	100
<b>Missouriensis.</b> Large golden yellow, 1 foot.	\$0.15	\$1.50	\$10.00
<b>Youngi.</b> Bright yellow, 1½ feet .....	.15	1.50	10.00

**PENTSTEMON (Beard Tongue)**

Showy perennials resembling Snapdragons in appearance.

<b>Digitalis.</b> Pure white spikes 3 feet high, June	Each	Doz.	100
and July .....	\$0.15	\$1.50	\$10.00

<b>Barbata Torreyi.</b> Spikes of brilliant scarlet			
flowers, height 3 to 4 feet; June to August.	.15	1.50	10.00

<b>Sensation.</b> This variety requires some pro-			
tection during winter; flowers resembling			
Gloxinias in all gay colors .....	.15	1.50	10.00

**PHYSOSTEGIA (False Dragon Head)**

One of the most beautiful of our mid-summer perennials, forming dense bushes 3 to 4 feet high, having spikes of delicate tubular flowers similar to heather.

	Each	Doz.	100
<b>Virginica.</b> Bright soft pink .....	\$0.15	\$1.50	\$10.00
" <b>Alba.</b> Pure white .....	.15	1.50	10.00

**PLATYCODON (Balloon Flower or Japanese Bell Flower)**

Stalks 2 to 3 feet high covered with lovely bell-shaped blossoms; July and August.

	Each	Doz.	100
<b>Grandiflorum.</b> Blue .....	\$0.15	\$1.50	\$10.00
" <b>Album.</b> White .....	.15	1.50	10.00

**PLUMBAGO LARPENTAE (Lead Wort)**

	Each	Doz.	100
Of dwarf spreading habit, growing 4 to 6			
inches high; used for rockeries or edging,			
covered with beautiful deep blue flowers the			
entire season .....	.15	1.50	10.00

**HARDY POPPIES**

Showy plants of unusual merits, succeeding everywhere; June.

<b>Oriental.</b> Plant grows 2 feet high, bearing	Each	Doz.	100
gigantic orange red blooms on stout stems.	\$0.15	\$1.50	\$10.00

<b>Oriental Parkmanni.</b> Deep crimson flowers			
of splendid form .....	.15	1.50	10.00

<b>Nudicaule</b> ( <i>Iceland Poppies</i> ). Dwarf plants,			
flowering in May; 12 inches; in yellow,			
white and red .....	.15	1.50	10.00

**PYRETHRUM (Colored Daisies)**

	Each	Doz.	100
<b>Hybridum, Fl. Pl.</b> Double daisy-like flowers			
in red, white and pink appear on 2-foot			
stems in June in greatest profusion; fine			
for cutting .....	\$0.15	\$1.50	\$10.00

<b>Hybridum, Single.</b> Single flowers as above.	.15	1.50	10.00
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<b>Uliginosum</b> ( <i>Giant White Daisy</i> ). Large			
flowers appear on tall bushy plants late in			
September; 6 feet; white .....	.15	1.50	10.00

**RUDBECKIA GOLDEN GLOW**

	Each	Doz.	100
The most popular of all perennials, strong			
robust grower, it throws up spikes 6 and 7			
feet tall with clusters of large double yel-			
low, aster-like flowers in August. Increases			
very rapidly; strong clumps .....	.15	1.50	10.00

**RUDBECKIA PURPUREA (Cone Flowers)**

	Each	Doz.	100
Flowers about 4 inches across, of a peculiar			
reddish purple, with a large cone-shaped			
centre; plants bushy, 3 feet high .....	.15	1.50	10.00



# Michell's Gorgeous Paeonies

This "Queen of Spring" holds a place entirely her own in effective gardens. We have had several requests of late to execute special Paeony gardens showing the well-deserved popularity of this flower. The exquisite form, the delicate and rich colors, its value as a garden or house decoration, and the delightful fragrance are all points to tell in its favor. No disease or insect ever troubles this plant. The best effect of Paeonies is attainable when massed by themselves in groups on lawns with a distinct background of shrubbery. All our roots are extra strong and will produce flowers year after planting.

Double Pink, Double White, Double Red, Each	Doz.	100
Extra Strong Roots .....	\$0.25	\$2.50 \$15.00
Four-year-old colossal roots (7 to 10 eyes)...	.50	5.00 35.00

## PAEONY OFFICINALIS (The old fashioned Paeony)

Sweet fragrant flowers of immense size.	Each	Doz.	100
Rosea. Double pink .....	\$0.30	\$3.00	\$20.00
Rubra. Double red .....	.30	3.00	20.00
Alba. Double white .....	.30	3.00	20.00

One each of above 3 colors for 75c.

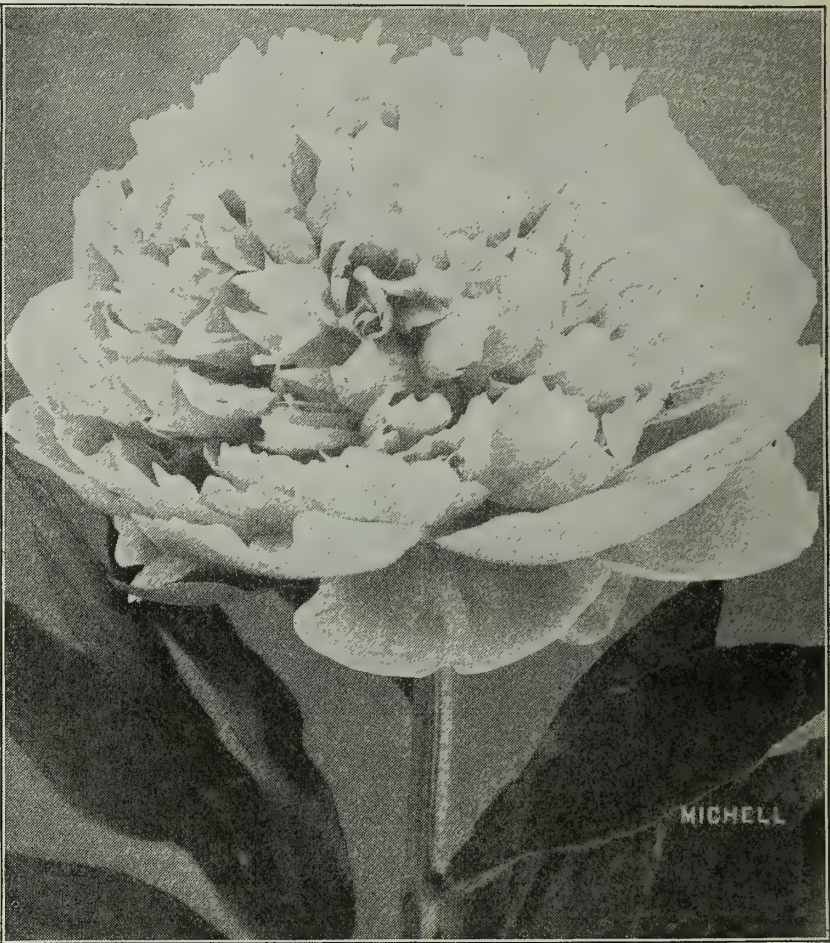
## PAEONY TENUIFOLIA FL. PL.

An early flowering specie with fern-like foliage and double deep crimson flowers .....	Each	Doz.	100
	\$0.25	\$2.50	\$18.00

## SUPERB NAMED VARIETIES

During recent years wonderful progress has been made in the production of newer sorts, and no choice garden can afford to be without a good collection of these magnificent flowers. We believe that what we offer is the cream from an enormous list.

Achille. Beautiful soft mauve rose changing to almost pure white .....	Each	Doz.
	\$0.25	\$2.50
Alba Plena. Immense flower of purest white .....	.25	2.50
Anemoneflora Rubra. Anemone form, having a broad collar and a mass of narrow petals in the centre; the whole of an even dark crimson .....	.35	3.50
Agnes Mary Kelway. Rosy white guard petals, creamy white centre .....	.25	2.50
Beaute Francaise. Delicate flesh pink with purplish white and carmine spots .....	.35	3.50
Carnea Elegans. Clear flesh color, glossy reflex, a very pleasing shade .....	.35	3.50
Candidissima. Creamy white with clear sulphur yellow centre; slightly tinted with flesh .....	.50	5.00
Charlemagne. Creamy white, centre light pink, immense bloom .....	.35	3.50
Clarisse. Beautiful rose pink, centre silvery pink, fine form and habit .....	.25	2.50
Couronne d'Or. Immense, very full, imbricated ball-shaped form; color, snowy white with yellow, reflex and deep pink edges on a few petals .....	.50	5.00
Delachi. Deep purple, crimson reflex; strong grower; free bloomer .....	.35	3.50
Duc de Wellington. Well formed blooms, sulphur white, fragrant .....	.35	3.50
Faust. Tender flesh-colored pink, clear salmon centre .....	.25	2.50
Festiva Maxima. Enormous, very full, shell-formed bloom often 7 to 8 inches in diameter; color, snow white with an occasional purple spot on edges of centre petals .....	.25	2.50



Michell's Double Paeonies

Grandiflora Rosea. Even clear pink, base of petals suffused with salmon .....	Each	Doz.
	\$0.25	\$2.50
Louis van Houtte. Brilliant crimson maroon, of good size and free flowering .....	.25	2.50
Queen Victoria. A very early flowering sort, good form; purest white .....	.25	2.50
Delicatissima. An exquisite, delicate pink with white centre; immense flower .....	.50	5.00
Special Offer. The collection of 18 sorts, one each, labelled, for \$5.00.		

## SALVIA AZUREA

Plants growing 2 to 3 feet high, producing during August and September pretty sky-blue flowers .....	Each	Doz.	100
	\$0.15	\$1.50	\$10.00

## SCABIOSA CAUCASICA

Hardy border plants with solid heads of flowers on rigid stems 15 inches high.	Each	Doz.	100
Blue. Delicate blue .....	\$0.15	\$1.50	\$10.00
White .....	.15	1.50	10.00

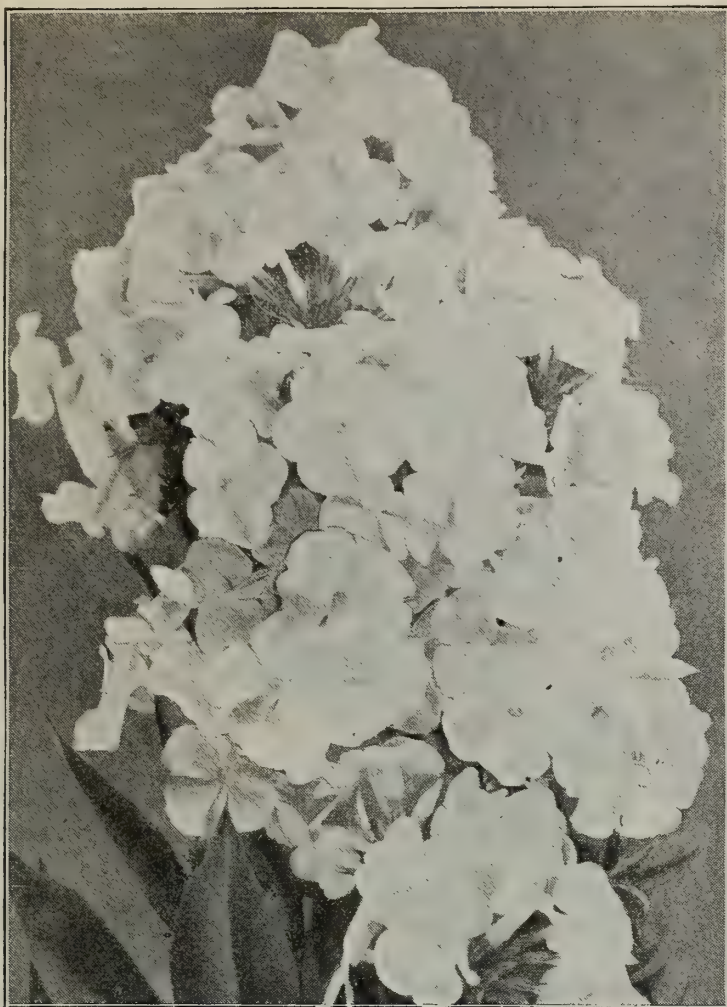
## SEDUM (Stone-crop)

Suitable for carpet bedding, rockeries and edging; fleshy leaves.			
Acre. Foliage green, flowers golden yellow, 3 inches .....	Each	Doz.	100
	\$0.10	\$1.00	\$7.00
Album. Foliage green, flowers white, 3 ins. .....	.10	1.00	7.00
Spectabile. Grows 18 inches high with large light green foliage and immense heads of pink flowers; June .....	.15	1.50	10.00

## SHASTA DAISY ALASKA

The largest of all hardy daisies; produced by Luther Burbank; glistening white flowers on erect stems 18 inches long; gigantic blooms in great profusion .....	Each	Doz.	100
	\$0.15	\$1.50	\$10.00





Hardy Phlox

## MICHELL'S GAY HARDY PHLOXES

These constitute the gems of a hardy garden, lasting in bloom almost the entire year. They are extremely hardy, increasing in size and beauty. Their brilliant colors give life to a garden unequalled by any other flower. For best effect never plant less than twelve in a single spot, but let them be all of one color. We are proud to offer what we consider the most up-to-date list of varieties, all of them being improved in color or size. "Evergreen Seed Gardens," at Torresdale, will show our full collection in bloom. Come and see us during next summer.

### WHITE SORTS

**Miss Lingard.** This is the earliest of all Phloxes; purest white, quite tall.

**Mrs. Jenkins.** The largest and finest of all white Phloxes, very pure and showy.

**Fiancee.** Pure white, very large.

**Richard Wallace.** Cherry white with violet eye.

### PINK SORTS

**R. P. Struthers.** Light scarlet pink, dark centre.

**Tower of Eiffel.** Light salmon pink, red centre.

**Gen. Chanzy.** Deep pink, tinted salmon.

**Pink Beauty.** Delicate pink, enormous spike.

**Wm. Robinson.** Salmon with rosy centre.

### RED AND CRIMSON SORTS

**Coquelicot.** Brilliant orange scarlet.

**Matador.** Brilliant red, cherry red eye.

**Montagnard.** Dark crimson, large spike.

**Von Hochberg.** The best clear crimson.

**Embracement.** Extra large, bright orange scarlet.

**Fernand Cortez.** Deep crimson, very dark centre.

**Madame P. Langier.** Bright geranium red.

### PURPLE SORTS

**Le Mahdi.** Bright deep purple.

**Prices:** Extra strong, field-grown clumps, each 15c., \$1.50 per doz., per 100 \$10.00. Special offer: One each of the collection, 17 sorts, for \$2.25.

## OTHER PHLOXES

	Each	Doz.	100
<b>Phlox Divaricata Canadensis.</b> A native, blooming early in April and continues through May; 10 inches high, fragrant lavender flowers .....	\$0.15	\$1.50	\$10.00

<b>Phlox Subulata Rosea (Moss Pink).</b> Moss evergreen-like foliage, tucking close to the ground and covered completely with pink star-like flowers in May .....	.15	1.50	10.00
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<b>Phlox Subulata Alba.</b> The same as above with pure white flowers .....	.15	1.50	10.00
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Stokesia Cyanea

## STOKESIA (Cornflower or Stokes Asters)

A charming plant, grows 18 to 24 inches high, flowering from July to October; blossoms measure 4 to 5 inches across and resemble asters.

	Each	Doz.	100
<b>Cyanea.</b> Light blue .....	\$0.15	\$1.50	\$10.00
" <b>Alba.</b> Pure white .....	.20	2.00	15.00

## SWEET WILLIAM, MICHELL'S PRIZE

	Each	Doz.	100
Every garden should have a beautiful supply of these valuable plants; when used as edging to foxgloves, they are ideal; monster plants .....	.10	1.00	7.50

## THALICTERUM ATROPURPUREUM

(Meadow Rue)

	Each	Doz.	100
Graceful plants with fern-like foliage and loose spray of feathery rosy purple flowers, 3 feet, July .....	.15	1.50	10.00

## THERMOPSIS FABACEA

	Each	Doz.	100
Tall plant, 3 feet, producing long spikes of yellow lupin-like flowers in June and July..	.15	1.50	10.00

## TROLLIUS (Globe Flower)

	Each	Doz.	100
The spring flower known as Buttercups.			
<b>Europeus.</b> Large bright yellow .....	.15	1.50	10.00
<b>Japanicus Excelsior.</b> Very deep orange....	.15	1.50	10.00





**TRITOMA** (Red Hot Poker) (Flame Flower or Torch Lily)

For showy groups in late summer we can hardly recommend anything better. The massive spikes grow 3 feet high and are splendid for cutting.

	Each	Doz.	100
<b>Pfitzeri.</b> Blooms continuously from August to November; color, orange scarlet .....	\$0.15	\$1.50	\$10.00
<b>Tucki.</b> Very early, flowers July and August; color, bright salmon to yellow .....	.15	1.50	10.00

**VERONICA** (Speedwell)

Very hardy showy plants, succeeding in all soils.

<b>Longifolia Subsessilis.</b> Plant grows 3 feet high and produces many spikes of bright blue flowers, July and August .....	.15	1.50	10.00
<b>Amethystina.</b> Dwarf plants, 12 inches, with light blue flowers .....	.15	1.50	10.00
<b>Spicata Alba.</b> 18 inches high, white flowers .....	.15	1.50	10.00

**VINCA MINOR** (Myrtle)

Splendid creeping plants with deep green glossy foliage and bright blue flowers in spring, used extensively for covering graves and bare spots in shady situations where grass refuses to grow .....

	.15	1.50	10.00
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**VIOLA CORNUTA** (Tufted Pansies)

Valuable flowering plants remaining in bloom the entire season; very similar to pansies but being hardy.

	Each	Doz.	100
<b>Blue</b> .....	\$0.15	\$1.50	\$10.00
<b>White</b> .....	.15	1.50	10.00

**YUCCA FILAMENTOSA** (Adam's Needle)

	Each	Doz.	100
As an ornamental plant, specimen or mass effect this certainly heads the list. In or out of bloom it is an attraction. The broad sword-like foliage is surmounted with tall spikes of large fragrant, drooping white flowers in June and July .....	.25	2.50	15.00



**HARDY ORNAMENTAL GRASSES**

Gorgeous effects can be had with large plantings of ornamental grasses, in fact certain spots in our gardens would be bare were it not for these decorative plants. In the vicinity of ponds, brooks, or any water-spot, they are ideal. Large clumps on lawns are superb.

**ERIANTHUS RAVENNAE** (Plume Grass)

	Each	Doz.
Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flowers, resembling ostrich feathers .....	\$0.25	\$2.50

**EULALIA GRACILLIMA UNIVITTATA** (Japan Rush)

Of graceful habit with very narrow foliage of bright green color with silvery midrib; 4 to 6 feet .....

	.25	2.50
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**EULALIA JAPONICA VARIEGATA**

Long narrow leaves striped green, white and often pink and yellow; 4 to 6 feet .....

	.25	2.50
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**EULALIA ZEBRINA** (Zebra Grass)

The long blades of this variety are marked with broad yellow bands across the leaf; a most attractive plant for the lawn .....

	.25	2.50
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**GYNERIUM ARGENTEUM** (Pampas Grass)

The silvery plumes are produced on stems 8 to 10 feet high .....

	.25	2.50
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**PHALARIS ARUNDINACEA VARIEGATA**  
(Variegated Ribbon Grass)

	Each	Doz.
Large variegated foliage; fine for large beds .....	.10	1.00

**HARDY FERNS**

Suitable positions for hardy ferns are to be found in almost every garden. With few exceptions they do best in semi-shady positions.

	Each	Doz.
<b>Adiantum Pedatum</b> (Maiden Hair). 8 to 12 inches high .....	\$0.20	\$2.00
<b>Asplenium Felix Foemina</b> (Lady Fern). 24 to 36 inches high .....	.20	2.00
<b>Dicksonia Ponctulobula</b> (Gossamer Fern). 24 to 36 inches high .....	.20	2.00
<b>Dryopteris Acrostichoides</b> .....	.20	2.00
“ <b>Spinulosa</b> .....	.20	2.00
<b>Osmunda Regalis</b> (Royal Fern). 24 to 48 inches ...	.20	2.00



# THE CHOICEST HYBRID PERPETUAL ROSES

All roses offered by us are *extra strong 2-year-old, extra selected for size and shape* and furnished by us from 6-inch pots. Such roses will not only give a *full crop of flowers this season* but will make a special strong growth for following seasons. Hybrid Perpetual Roses produce their main crop in June and frequently some good flowers in the fall. We offer here what we consider the choicest, but we can also furnish other varieties if wanted.

**Frau Karl Druschki.** An exquisite flower of the purest white; form perfect.

**General Jacqueminot.** The old favorite; velvety crimson flowers on long stems.

**Magna Charta.** One of the largest; color deep pink, very fragrant.

**Ulrich Brunner.** Bright cherry red, flowers large and full; succeeds always.

**Baroness Rothschild.** Soft delicate pink, very large.

**Captain Christy.** Delicate flesh white, very free.

**Fisher Holmes.** Bright scarlet, shaded deep maroon.

**La France.** Soft pink with white reverse of petal.

**Mabel Morrison.** White, slightly flushed with pink.

**Madame Gabriel Luizet.** Pale pink, very sweet.

**Mrs. R. G. Sharman Crawford.** The finest light pink rose.

**Mrs. John Laing.** Soft pink, very fragrant and large.

**Paul Neyron.** The largest of all roses, deep rose.

**Prince Camille de Rohan.** Deep velvety crimson maroon.

**Soleil d'Or.** Golden orange to reddish gold

Price of any of the above extra strong, two-year-old plants, 50c. each, 6 for \$2.75, \$5.00 per doz., per 100 \$35.00.

**THE "MICHELL" COLLECTION** of Hybrid Perpetual Roses, consisting of one each of the above 15 varieties, for \$6.00.

Please do not compare our Roses with quality you may be offered at low prices.

**MICHELL'S  
HYBRID  
PERPETUAL  
ROSES**



Rose, Ulrich Brunner

## ROSA ROGOSA

Japanese or Shrubbery Rose

This rose grows very robust with deep green puffed foliage and produces semi-double and double flowers in profusion during June. In fall and winter the plants are covered with bright red, large berries; an excellent plant for a shrubbery bed or a solid hedge. They are quick, tall growers and can be pruned back to hold them at any height; very hardy. All our plants are furnished from 6-inch pots.

	Each	Per Doz.
<b>Rubra.</b> Deep reddish pink, single .....	\$0 50	\$5.00
<b>Alba.</b> Single white .....	.50	5.00
<b>Conrad Ferd. Meyer.</b> Double, light pink, of immense size .....	.50	5.00
Set of three (one each), \$1.25.		

## ROSA WICHURIANA

The Creeping or Memorial Rose

No other rose occupies such a unique position in gardens. The long slender stems which are completely dressed with small glossy deep green foliage trail to any rock, ground, trellis or wire and often grow 20 feet in one season. During their flowering season the foliage is entirely hidden by the wealth of fragrant blossoms. For cemeteries they are ideal, as they flower about the end of May. Rockeries, terraces and bare spots in gardens cannot be more readily beautified.

	Each	Per Doz.
<b>Wichuriana Type.</b> Single white flowers .....	\$0.50	\$5.00
<b>Gardenia.</b> Buds bright yellow, open double cream-colored flowers .....	.50	5.00
<b>Alba Rubifolia.</b> Double pure white flowers .....	.50	5.00
Set of three (one each), \$1.25.		

Plants can be shipped via express or freight only, No Plants sent C. O. D.



NEW AND RARE  
EVERBLOOMING  
HYBRID TEA ROSES

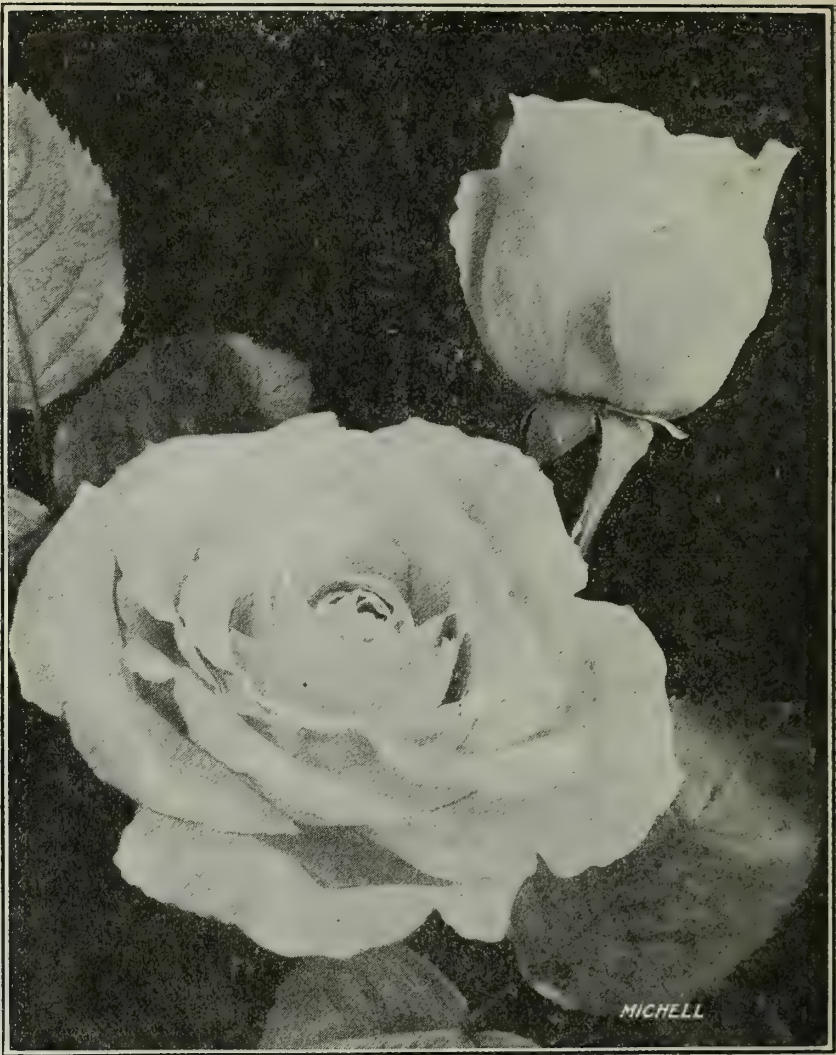
This class of roses deserves all the praise bestowed upon it. With proper care they will flower uninterruptedly from June till frost, and by that we do not mean sparingly but in profusion at any time. Their foliage is leathery and very clean; the flowers are borne on strong, extra long stems, their fragrance is deliciously sweet; every one of them. For garden decoration or cut flowers, we recommend these highly; they are absolutely hardy and do not require any more protection than any other rose.

All roses offered by us are *extra strong 2-year-old, field-grown stock*, lifted in the fall, potted and stored in a cold house for spring sale. For this reason we can furnish our roses during the entire year with every assurance for success. They are furnished by us from 6-inch pots.

	Each	Doz.
<b>Alice Lindsell.</b> Creamy white with pink centre, large full flowers .....	\$0.75	\$7.50
<b>Betty.</b> Immense flowers of fine form; color, coppery rose, shaded golden yellow .....	.75	7.50
<b>Dean Hole.</b> Gigantic flower of great depth, deep salmon pink .....	.75	7.50
<b>Florence Pemberton.</b> Creamy white, edges of petals slightly tinted pink; large and full .....	.75	7.50
<b>Harry Kirk.</b> Deep sulphur yellow, lighter at the edges of the petals; blooms large and full .....	1.00	10.00
<b>Joseph Hill.</b> Salmon pink shaded with yellow, outer petals tinted coppery pink, long bud .....	.75	7.50
<b>Madame Ravary.</b> Beautiful golden yellow, long pointed buds opening to large full orange .....	.75	7.50
<b>Mrs. Peter Blair.</b> Color, lemon chrome with golden yellow centre .....	.75	7.50
<b>Prince de Bulgarie.</b> Silvery flesh, very delicately shaded with salmon .....	.75	7.50
<b>The Lyon.</b> Long coral red buds opening to large globular flowers; edges of petals shrimp pink.....	.75	7.50
<b>White Killarney.</b> A pure white flower of the same form as the pink Killarney; 4-inch pots .....	.75	7.50



Hybrid Tea Rose Killarney



Rose Florence Pemberton

STANDARD VARIETIES

	Each	Doz.
<b>Killarney.</b> Long pointed bud, opens to an exquisite delicate pink flower of rare beauty; very hardy ....	\$0.50	\$5.00
<b>Kaiserin Augusta Victoria.</b> Pure white, of splendid form; all flowers borne on long stems; flowers free till frost .....	.50	5.00
<b>Mamon Cochet Pink.</b> A strong grower and free bloomer; color, deep bright pink .....	.50	5.00
<b>Mamon Cochet White.</b> A splendid rose of purest white, very free and fine for cutting .....	.50	5.00
<b>Gruss an Teplitz.</b> One of the best in this class; the beautiful deep crimson flowers appear all the time..	.50	5.00
<b>Richmond.</b> An exquisitely shaped rose of rich velvety crimson, come on long straight stems.....	.50	5.00
<b>Madame Caroline Testout.</b> Bright satiny rose with brighter centre; very free and absolutely hardy ...	.50	5.00
<b>Hermosa.</b> The old reliable favorite; bright rich pink; in bloom long after frost .....	.50	5.00
<b>Etoile de Lyon.</b> Bright sulphur yellow, fine form, good in dry weather .....	.50	5.00
<b>Madame Jules Grolez.</b> Clear silvery rose, shaded yellow at base; long pointed bud .....	.50	5.00
<b>Souv. de Pierre Notting.</b> Apricot yellow, blended with copper; long bud, very free .....	.50	5.00

**ROSE CULTURE.** (Ellwanger.) A complete treatise, \$1.25 Postpaid.

**To Keep Roses Clean, Spray with "Pyrox."** 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; \$13.50 per 100 lbs. One lb. makes 5 gallons of ready liquid.



# HARDY CLIMBING ROSES

## (IN POTS)

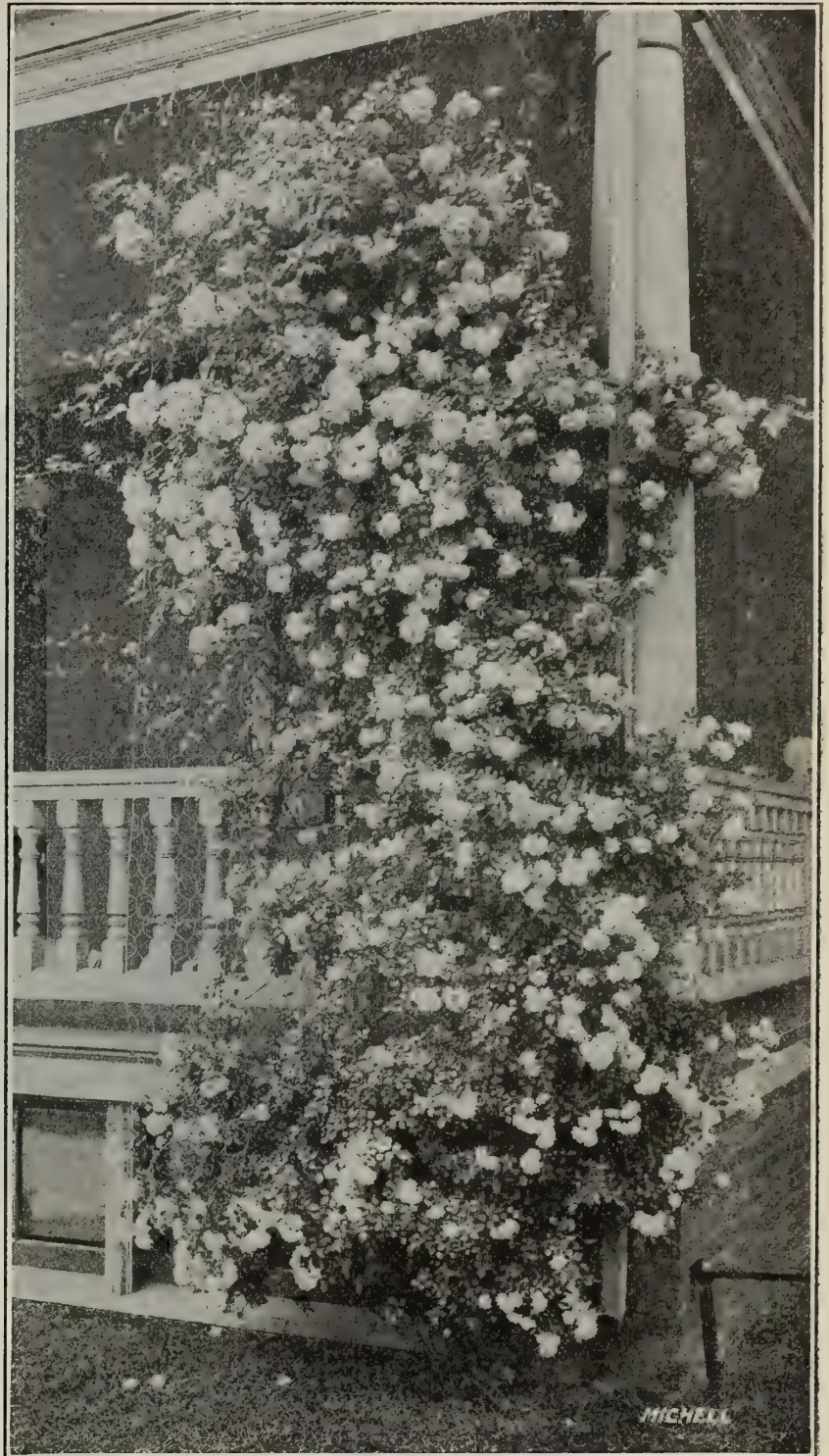
Our roses are either home-grown or imported from northern England. They are dug in the fall, ripened, potted and placed in an unheated glass house. Here they remain dormant until their natural time (spring) to grow. Such roses no matter when planted can never fail but must succeed. *All our roses are furnished from 6-inch pots and can be furnished from March till November.*

## RECENT INTRODUCTIONS OF MERIT

<b>White Dorothy Perkins.</b> The best and only true hardy <i>white Rambler</i> , a companion to the pink "Dorothy"; strong young plants from 4-inch pots..	Each \$0.60	Doz. \$6.50
<b>Violet Blue.</b> A sensational novelty; habit of plant and form of flower exactly like <i>Crimson Rambler</i> ; color of flower, violet blue; strong young plants from 4-inch pots .....	.75	8.50
<b>Climbing American Beauty.</b> Flowers are very full, double, often 5 inches across and of a rosy crimson; a splendid pillar rose; see illustration .....	2.00	
<b>Christine Wright.</b> An everblooming, climbing rose with large double pink flowers; come singly and in clusters; flowers continuously from June till frost..	1.00	
<b>Flower of Fairfield.</b> An <i>everblooming</i> <i>Crimson Rambler</i> ; flowering from June till frost .....	.60	6.00
<b>American Pillar.</b> Strikingly beautiful; immense single flowers of delicate pink are produced in such profusion that they hide the foliage .....	.60	6.00
<b>Hiawatha.</b> Single flowers produced in sprays of 40 to 50; color, ruby carmine with white eye.....	.50	5.00
<b>Tausendschon.</b> Trusses of 10 to 15 flowers each individually large, of a delicate pink .....	.50	5.00



Rose, *Climbing American Beauty*



Rose, *Dorothy Perkins*

## STANDARD VARIETIES

- Crimson Rambler.** Large clusters of double crimson flowers.
- Dorothy Perkins.** Soft shell pink, large clusters; double.
- Lady Gay.** A most charming rambler, with pinkish-white flowers in clusters.
- Yellow Rambler.** Clusters of semi-double yellow.
- White Rambler.** Purest white flowers in clusters.
- Baltimore Belle.** Blush pink, large double flowers.
- Yellow Persian.** Single golden yellow flowers.

Prices of any of the above extra strong two-year-old plants, 50c. each, 6 for \$2.75, \$5.00 per doz.

We can also supply specimens of *Crimson Ramblers* at \$1.00 to \$3.00 each.

**NOTE—We can also supply SWEET BRIARS and all other Roses not offered here.**

Plants can be shipped via express or freight only. No Plants sent C. O. D.



# HARDY CLIMBING PLANTS FOR TRELLISES, PORCHES, ARBORS, Etc.

Climbing vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings, and give shade and flowers over the porches and trellises. They are cheerful and cooling in climbing over bowers and summer-houses, and wild and natural in running over trees and stumps. Vines are strong, robust growers that require little attention other than to occasionally train them.

All plants under this heading are furnished by us growing in pots, and may be transplanted at any time of the year with absolute success.

## AKEBIA QUINATA

Quick-growing vine; small, fine-lobed, half-evergreen leaves and fragrant, purplish brown or chocolate-colored flowers. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100.

## AMPELOPSIS QUINQUEFOLIA (Virginia Creeper)

The large, handsome leaves are deeply cut into five lobes, hence the name "Five Finger" is often given to it. In the autumn, the foliage turns a beautiful rich crimson. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100.

## AMPELOPSIS VEITCHI (Boston Ivy)

Our popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green, which in the autumn turn to a coppery red. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100.

## ARISTOLOCHIA SIPHO (Dutchman's Pipe)

Handsome light green leaves, give a quick dense shade. The brown flowers are shaped like the bowl of a pipe. *Large plants* 50c. each, per doz. \$5.00.

## BIGNONIA (Trumpet Vine)

These are strong-growing vines, with rich green foliage and large trumpet-shaped flowers.

**Grandiflora.** Large flowering bright orange red. *Extra strong plants* 50c. each, per doz. \$5.00.

## CLIMBING ROSES

On page 107 we offer a select list of climbing roses.

## ENGLISH IVY

This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 25c. each, per doz. \$2.50, \$15.00 per 100. *Extra strong large plants* 50c. each, per doz. \$5.50, \$37.50 per 100.

## HONEYSUCKLE

**Chinese Evergreen** (*Woodbine*). Red, yellow and white variegated flowers; very fragrant; blooms the entire season.

**Halliana** (*Hall's Honeysuckle*). Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers from June until frost.

**Heckrothi.** Deep red flowers with yellow throat; in bloom continuously, a beautiful contrast to the ordinary sorts.

**Variegated** (*Aurea reticulata*). Foliage beautifully mottled yellow and green; flowers white and yellow.

**Price** any of the above strong plants 25c. each, per doz. \$2.50, \$18.00 per 100. *Extra strong large plants* 50c. each, per doz. \$5.50, \$37.50 per 100.

## KUDZU VINE (*Pueraria Thunbergiana*)

Attains, after once being established, a height of fifty feet in one season. Its foliage is large, and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25c. each, per doz. \$2.50, \$18.00 per 100.



*Clematis Paniculata on a Porch*

## CLEMATIS

These flower profusely, and are in demand for covering porches, trellises and arbors, and to climb over posts and fences.

### SMALL FLOWERING SORTS

**Clematis Paniculata.** A strong, luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100. *Three year old extra strong plants* 50c. each, per doz. \$5.00, \$35.00 per 100.

**Flamula.** White flowers, very fragrant; blooms June and July. *Extra strong plants*, 50c. each, per doz. \$5.00, \$35.00 per 100.

### LARGE FLOWERING CLEMATIS

**Henryi.** Creamy white, large.

**Duchess of Edinburgh.** Double pure white.

**Jackmani.** The popular rich purple variety.

**M. Koster.** Bright rosy carmine; free flowering.

**Price, extra strong plants** of Large Flowering Clematis, 50c. each, per doz. \$5.00.

We can also supply all other varieties of Clematis.

## WISTARIA

**Chinensis.** (*Chinese Wistaria*.) The common variety, which flowers so profusely in May. Flowers pale blue; fragrant; grows anywhere. Strong plants 50c. each, per doz. \$5.50. *Extra strong plants* \$1.00 each, per doz. \$11.00.

**Chinensis Alba.** A beautiful white-flowering form. Strong plants 50c. each, per doz., \$5.50.

We can also supply all other Vines not catalogued here.

Plants can be shipped via express or freight only. No Plants sent C. O. D.







# EVERGREENS



Norway Spruce

The planting of Evergreens is now practiced very extensively and wisely. Few things in the plant or tree line give so much satisfaction; they are easily handled and seldom die. Special care should be taken in planting, never to allow the roots to be exposed prior to being put in the ground, and when planting, pour plenty of water in the hole.

## SPRUCE (*Picea*)

**Hemlock Spruce** (*P. canadensis*). It is a rapid grower, very hardy. If trimmed it becomes dense and bushy, making beautiful hedges. For tall screens, massing, or as individual trees upon large or small grounds, their grace and beauty is unsurpassed. 12 to 18 inches, 50c.; 2 to 3 feet, \$1.25; 3 to 4 feet, \$2.50.

**Douglas' Spruce** (*P. Douglasi*). Large, conical form, smooth bark, branches numerous, irregularly placed along the stem, spreading, horizontal, sometimes a little ascending. Leaves light green above, glaucous below. 1 to 2 feet, \$1.00; 2 to 3 feet, \$1.50; 4 to 5 feet, \$3.50.

**Colorado Spruce** (*P. Engelmanni*). A pretty bluish green Spruce, with horizontal branches and of compact growth. It closely resembles the Blue Spruce. It is especially hardy and attractive on lawns. 1 foot, \$1.25; 2 feet, \$2.50; 3 feet, \$3.50.

**Norway Spruce** (*P. excelsa*). This, our common Spruce, embraces more desirable features than any of the others; does well in most soils, and withstands the bleak, cold winds of winter. It is highly valued for shelters, windbreaks or hedges. If left untrimmed they spread out magnificently over the lawn, and make desirable specimens. If pruned, they become stately trees of symmetrical form. 2 to 2½ feet, 75c.; 2½ to 3 feet, \$1.00; 4 to 5 feet, \$2.50.

**Koster's Blue Spruce** (*P. Kosteriana*). A deep, rich blue. One of the finest ornamental evergreens ever introduced, and a specimen or two (of the kind of trees we furnish), on the lawn, adds a dignity and beauty hard to describe. 1 to 1½ feet, \$2.00; 1½ to 2 feet, \$3.00; 2 to 3 feet, \$6.00; 4 to 5 feet, \$12.00.

**Oriental Spruce** (*P. orientalis*). Slow growth, but tall, compact, straight and spiral, with deep shadows; dark, small, shining green foliage. Very hardy. One of the finest of all evergreens. 12 to 18 inches, \$1.25; 2 to 3 feet, \$2.25.

We can also supply all other varieties of Spruce.

## FIRS (*Abies*)

**Silver Fir of Colorado** (*A. concolor*). Tree of graceful habit; broad, handsome foliage, bluish above, silvery beneath. A grand tree, very distinct and exceedingly rare. 1 to 2 feet, \$2.00; 2 to 3 feet, \$3.00; 3 to 4 feet, \$6.00.

**Western Balsam Fir** (*A. lasiocarpa*). In general appearance resembles the Concolor. The foliage varies in color from a glaucous-blue to a very light green. It is a very graceful tree, retaining its lower limbs as it grows older. 2½ to 3 feet, \$3.50; 4 to 5 feet specimens, \$6.00.

We can also supply all other varieties of Firs.

## PINES (*Pinus*)

**White Pine** (*P. Strobus*). Develops into a tall, noble tree whose ruggedness in old age is picturesque and grand. The needles are soft and silvery green; makes fine backgrounds and shelter-belts, and is valuable in any planting. 1 to 2 feet, 60c.; 2 to 3 feet, \$1.25; 3 to 4 feet, \$1.75.

**Austrian Pine** (*Pinus austriaca*). A tall, massive tree, with spreading branches, heavily plumed with long, stiff, dark green needles. 2 to 3 feet, \$1.50; 3 to 4 feet, \$3.00; 5 to 6 feet, \$6.00.

We can also supply all other varieties of Pines.

## JAPAN CYPRESS (*Retinospora*)

**R. pisifera aurea**. Growth very wavy; vigorous habit; foliage rich golden and permanent. 1 to 2 feet, \$1.25; 2 to 3 feet, \$2.25; 3 to 4 feet, \$3.00.

**Plume-like Retinospora** (*R. plumosa*). Light, feathery green foliage. It stands shearing well, and becomes compact and dense. Useful in groups, beds, vases, and window boxes. 12 to 18 inches, 85c.; 2 to 3 feet, \$1.75.

**R. Plumosa aurea**. The soft plume-like golden foliage is particularly bright in spring. When pruned it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrast. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases, and formal gardening its value is realized. 12 to 18 inches, \$1.00; 2 to 3 feet, \$2.00; 3 to 4 feet, \$4.00; 4 to 5 feet, \$5.00.

We can also supply other varieties of Cypress, also Yews, Cedars, Junipers, etc.

## ARBOR VITAE (*Thuya*)

**American Arbor-vitae** (*Thuya occidentalis*). Popular for ornamental hedges, rapid grower, conical form. 2 to 3 ft., 75c.; 3 to 4 ft., \$1.25; 5 to 6 ft., \$2.25.

**Peabody's Arbor-vitae** (*T. o. var. aurea*). Color effect a clear, shining golden yellow that contrasts finely with darker evergreens. Of pyramidal habit, grows rapidly; has the brightest and most permanent color of all. One of the handsomest of the golden tinted conifers. 1½ to 2 feet, \$1.75; 3 to 4 feet, \$3.50.

**Compact Arbor-vitae** (*T. o. compacta*). Dwarf, dense little evergreen, having light green foliage and neat attractive habit. For beds, borders, cemeteries, or house decoration it is highly popular. 12 to 18 inches, \$1.00 each.

We can also supply all other varieties of Arborvitae.



Yellow Arbor Vitae (*Thuya Occidentalis Aurea*)



## ORNAMENTAL AND SHADE TREES

We are in a position to furnish exceptionally good value in this line and will be glad to quote on anything that may not be offered here.



### CATALPA

**Catalpa bignonioides nana Bungei.** A highly ornamental tree, forming a perfect half-globular or umbrella head, clothed with a mass of large heart-shaped leaves of a deep green color, which overlap each other. A striking and very ornamental tree upon the lawn. 5 to 6 feet, one year heads, \$1.25; 5 to 6 feet, 2 year heads, \$2.25; 6 to 8 feet specimens, 3 to 5 year heads, \$6.00 to \$9.00 each.

### HORSE CHESTNUT (*Aesculus*)

**Aesculus hippocastanum.** As an ornamental shade tree, the horse chestnut is highly recommended. The flowers are large, white, spotted with purple, and produced in large, compact spikes, making a showy appearance. 6 to 8 feet, \$1.25; 8 to 10 feet, \$1.75; 10 to 12 feet, \$2.50.

### BIRCH (*Betula*)

**Purple-leaved Birch (*B. populifolia purpurea*).** Foliage dark, resembling that of the purple beech; forms striking contrast with other trees. 4 to 5 feet, \$1.00; 6 to 8 feet, \$1.75.

We can also supply all other varieties of Birch.

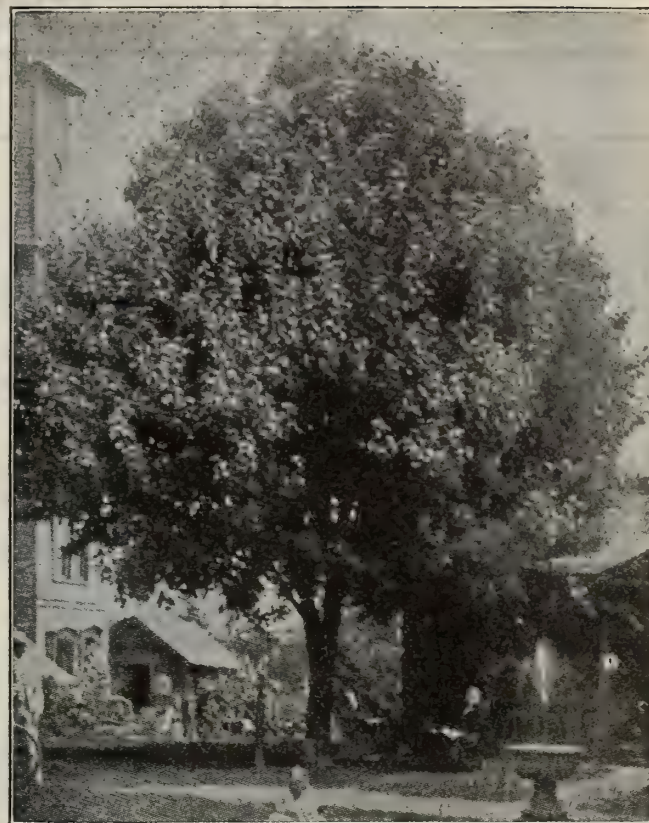
### JUDAS TREE (*Cercis*)

**Red Bud, or Judas Tree (*Cercis canadensis*).** The tree derives the name of Red Bud from the profusion of delicate reddish-purple flowers with which it is covered before the foliage appears. They deserve to be classed among our finest ornamental trees. 3 to 4 feet, 75c.; 4 to 6 feet, \$2.00.

### DOGWOOD (*Cornus*)

**Red-flowered Dogwood (*Cornus florida rubra*).** The flowers, which appear early in May before the leaves, are of a deep rosy-pink color; producing a perfect drift of bloom. An upright grower, with roundish head, foliage large, velvety, dark green in summer and brilliant crimson in fall. 2 to 3 feet, \$1.25; 3 to 4 feet, \$1.75.

**White-flowered Dogwood (*C. florida*).** Similar to the red flowering in habit of growth, though attaining larger proportions. 3 to 4 feet, 75c.; 4 to 5 feet, \$1.00; 5 to 6 feet, \$1.75.



Norway Maple. (*Acer Platanoides*)

### MAPLES (*Acer Platanoides*)

**Silver Maple (*Acer dasycarpum*).** A tree of very rapid growth and spreading habit; extensively planted for ornament and shade. 8 to 10 feet, \$1.00; 10 to 12 feet, \$1.25.

**Japanese Maple (*A. palmatum atropurpureum*).** The hardiest of the colored-leaved forms, and is more largely planted, the blood-red foliage making it a strikingly handsome and conspicuous tree. Trees are dwarf in habit, seldom attaining a height of more than a few feet. 2 feet, \$1.25.

**Norway Maple (*A. platanoides*).** One of the finest park, street, shade or lawn trees; vigorous growth, with large, handsome, broad leaves of deep, rich green which remain on the trees until late in the season. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75.

**Sugar, or Rock Maple (*A. saccharum*).** Resembling in general appearance the Norway Maple, though more pyramidal in form, and a more rapid grower. The autumn effect of the foliage is particularly handsome. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75; 12 to 14 feet, \$2.50.

**Sycamore Maple (*A. pseudo-platanus*).** Desirable for shade and ornamental purposes, with spacious head and large, dark green leaves. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75.

### PLANE TREE

**Oriental Plane. Buttonwood (*Platanus orientalis*).** A favorite tree for avenue planting, of large spreading habit and rapid growth, attaining a height of fifty to seventy feet, and not affected by insects. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75; 12 to 14 feet, \$2.50.

### POPLAR TREE

**Lombardy Poplar (*P. nigra fastigiata var. italica*).** Its tall form, sometimes reaching 120 feet, makes it indispensable in landscape effects for breaking monotony of outline. Its growth is very rapid. 8 to 10 feet, \$1.00; 10 to 12 feet, \$1.25.

### LINDEN TREE

**European Linden (*Tilia europaea*).** Leaves smaller and darker than those of the American Linden, in great profusion, forming a dense shade. One of the most ornamental of trees, growing in almost any soil, and adapted to lawn or avenue. 8 to 10 feet, \$1.50; 10 to 12 feet, \$1.75.

### WILLOW TREE

**Weeping Willow (*Salix babylonica*).** The long, pendulous branches droop and sway gracefully to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places. 8 to 10 feet, \$1.25 each.

We can also supply all other Trees, such as Ash, Tulip, Beech, Elms, etc.



# HARDY DECIDUOUS SHRUBS

Shrubbery plantings when properly selected as to variety will yield bloom during the entire summer, even the foliage makes a fine contrast to any blooming perennial bed to which they can furnish a background.

## AZALEA

**Amoena.** Dwarf bushy shrub; covered in spring with masses of purplish-red double flowers. One of the choicest evergreen shrubs. 75c. each, per doz. \$7.50.

**A. Ghent Varieties.** Pretty shrubs; nearly every shade of color. 75c. each, per doz. \$7.50.

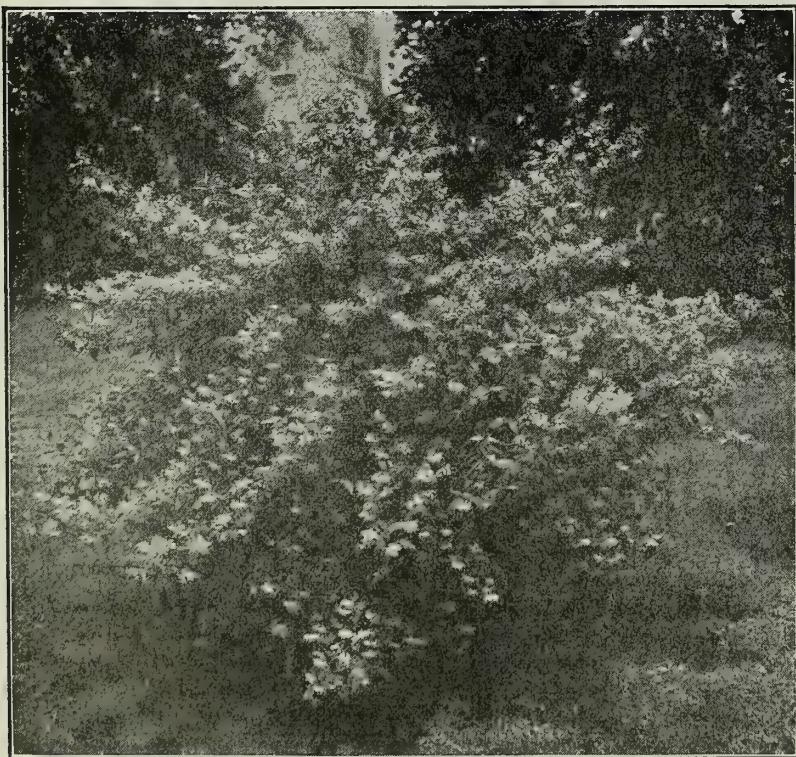
**A. Mollis.** This is a species from China. One of the most attractive flowering shrubs introduced from that country. It is of dwarf bush-like habit, with light green leaves. The flowers are as large as the Azaleas, usually seen in greenhouses. There are but two colors of it, yellow and red, and they bloom about the middle of May. We know of no other flowering shrub to equal them in attractiveness, and when massed in a large bed they create a particularly beautiful spot on the lawn. 75c. each, per doz. \$7.50.

## BERBERIS (Barberry)

**B. Thunbergi.** Beautiful for bordering groups of larger shrubs, forming low hedges, planting around house foundations, etc. In late autumn, when most other shrubs are bare, the small, oval leaves of this broad, picturesque little bush color up to vivid crimson, and until mid-winter it is bright and handsome with scarlet berries. 1½ to 2 feet, 25c. each; per doz. \$2.50, \$15.00 per 100.

## CALYCANTHUS (Sweet Shrub)

**Floridus.** The oddly formed, chocolate colored double flowers have a peculiar agreeable odor. They are borne in the axils of the leaves all along the branches in June. A common shrub in old gardens. 2 to 3 feet, 35c. each; per doz. \$3.50.



*Deutzia Crenata*

## DEUTZIA

**Double White-flowering Deutzia** (*D. candidissima flore pleno*). Abundant racemes of flowers in June, luxuriant foliage and fine habit. 2 to 3 feet, 35c. each; per doz., \$3.50.

**Double-flowered Deutzia** (*D. crenata var. flore pleno*). Flowers double white, tinged with rose. One of the most desirable flowering shrubs in cultivation. 2 to 3 feet, 25c. each, per doz. \$2.50; 3 to 4 feet, 35c. each, per doz. \$3.50.

**D. Gracilis.** Of a quite dwarf, bushy habit. The racemes of white flowers, which come in May, completely cover the plant. Largely used for forcing in greenhouses, blooming then about Easter. 1 to 2 feet, 35c. each; per doz., \$3.50.

## CYTISUS (Golden Chain)

**Laburnum.** A dwarf tree or large shrub with shining green leaves and racemes of yellow flowers, which appear in early summer. 2 to 3 feet, 35c. each; per doz., \$3.50.

## CLETHRA (Sweet Pepper Bush)

**Alnifolia.** A native shrub of low and dense growth; leaves abundant and light green; has numerous spikes of small white fragrant flowers in July. 1 to 2 feet, 35c. each; per doz., \$3.50.

## EXOCHORDA (Pearl Bush)

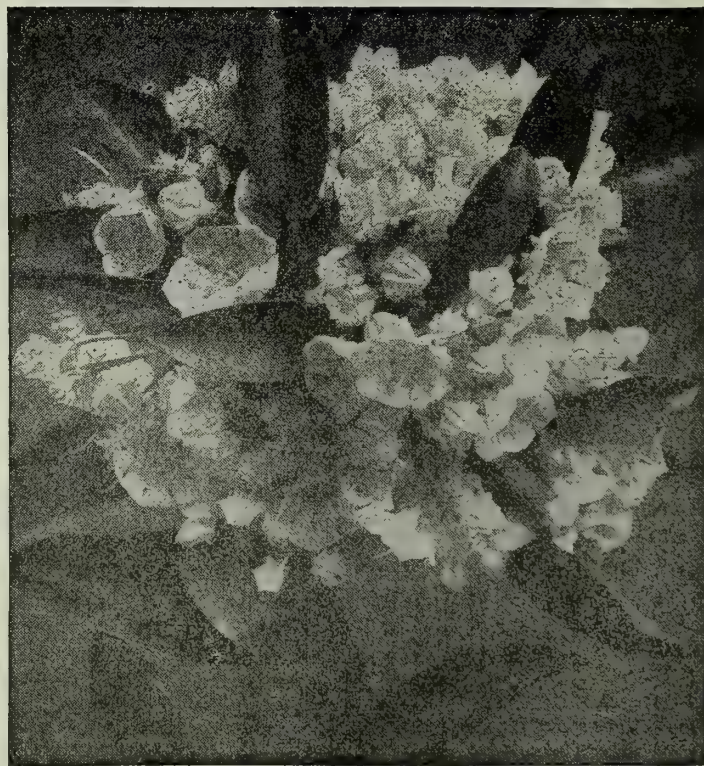
**Grandiflora.** A hardy flowering shrub, native of the mountainous districts of China and Japan. A profuse bloomer in the early summer. Flowers star shaped, pure white. 2 to 3 feet, 25c. each, per doz. \$2.50; 3 to 4 feet, 35c. each, per doz. \$3.50.

## FORSYTHIA (Golden Bell)

The yellow flowers are produced very early in spring before the leaves appear, making it a very attractive species where early bloom is desired; worthy of extensive planting. 2 to 3 feet, 35c. each, per doz. \$3.50; 3 to 4 feet, 50c. each, per doz. \$5.00.

## HYPERICUM (St. John's Wort)

**Densiflorum.** Bearing in great profusion throughout the summer, golden yellow flowers an inch in diameter. Few other shrubs flower so profusely. 2 to 3 feet, 35c. each; per doz., \$3.75.



*Flower and Leaf of Kalmia latifolia, or Mountain Laurel.*  
A Grand Plant

## KALMIA (Mountain Laurel)

**Latifolia.** An evergreen of strong growth and large leaves, rivaling the rhododendron in beauty. Flower buds of a delicate pink, changing to white as they expand. An abundant bloomer in June. Grows best in woodland or under a border of trees. 75c., \$1.25 and \$2.50 each.

## KERRIA (Globe Flower)

**Double-flowered Corchorus** (*K. var. flore pleno*). Of medium size; double yellow flowers. 35c. each, per doz. \$3.50.

**Japan Corchorus** (*K. japonica*). A slender, green-branched shrub, 5 or 6 feet high, with globular, yellow flowers from July to October. 35c. each, per doz. \$3.50.

Shrubs can only be shipped by express or freight. No Shrubs sent C. O. D.

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## PHILADELPHUS (Mock Orange)

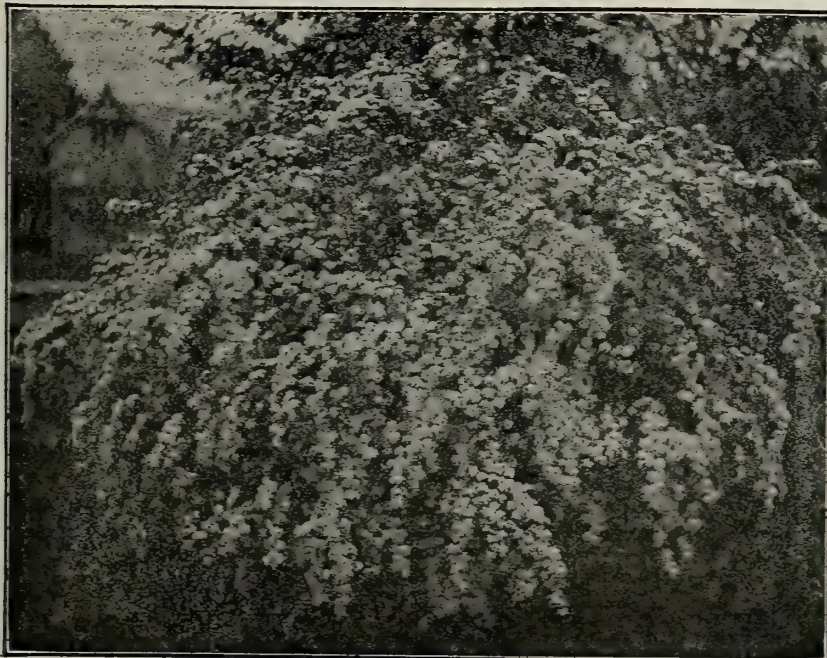
**Coronarius.** A valuable, hardy shrub, with handsome foliage and beautiful white flowers, some varieties of which are quite fragrant. 3 to 4 feet, 35c. each; per doz., \$3.50.



## RHODODENDRONS

Of all decorative hardy plants the most valuable. They require simply good garden soil, which should be dug 30 to 36 inches deep and mixed with peat. Protect with leaves or brush during winter. 15 to 18 inches, \$1.25 each, per doz. \$12.50; 18 to 24 inches, \$1.75 each, per doz. \$17.50; 24 to 36 inches, \$2.50 each, per doz. \$27.00.

We can also furnish larger specimens.



*Spiraea Van Houttei.* A most graceful and beautiful shrub with a wealth of lovely flowers in May

## SPIRAEA

**Anthony Waterer.** A new hardy variety from England. It is of dwarf, dense habit, bearing a profusion of peculiar crimson flowers, blooming the entire summer. 2 to 3 feet, 35c. each; per doz., \$3.75.

**S. Van Houttei.** This handsome species is perhaps the most popular and desirable of all Spiræas. Flowers pure white, produced in great abundance and exceedingly beautiful. The plant is a very strong, robust grower. 3 to 4 feet, 50c. each; per doz., \$4.00.

**Bridal Wreath** (*S. prunifolia*). The pretty double white flowers are in bunches of twos and threes all along the almost leafless stems. They usually expand about May 1st, just as the leaves are budding. 3 to 4 feet, 50c. each; per doz., \$4.00.



*Diervilla, or Weigelia*

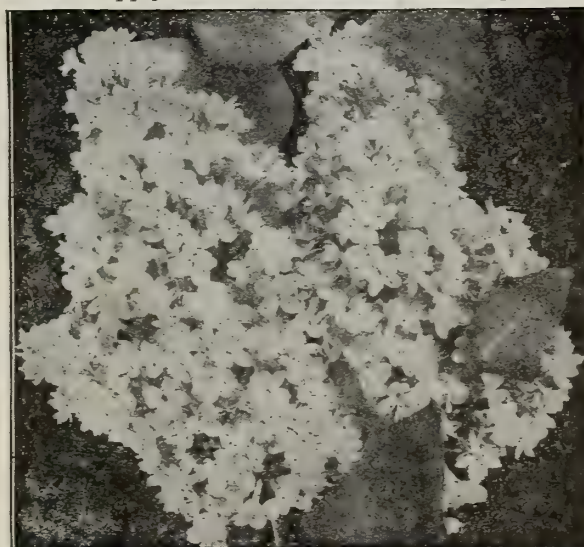
## WEIGELIAS

**W. Eva Rathke.** A popular new kind of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts. 2 to 3 feet, 35c. each; per doz., \$3.50.

**Rose-colored** (*W. rosea*). An elegant shrub, with fine rose-colored flowers, introduced from China by a Mr. Fortune, and considered one of the finest plants he has discovered. Blossoms in May. 3 to 4 feet, 35c. each; per doz., \$3.50.

**W. sessifolia syn. lutea.** July. A Native shrub of strong growth, and terminal clusters of yellow flowers; very hardy. Desirable in shrubberies on account of its attractive foliage, which turns a reddish brown. 3 to 4 feet, 60c. each; per doz., \$5.00.

We can also supply all other varieties of Weigelias.



*Syringa, (Lilac)*

## LILAC (Syringa)

**Persian Lilac** (*S. persica*). Purple. A profuse and early blooming sort, bearing light purple flowers. Very valuable. 3 to 4 feet, 50c. each; per doz., \$5.00.

**White Persian Lilac** (*S. persica alba*). Same habit and form as the preceding, but almost white flowers. 2 to 3 feet, 50c. each; per doz., \$5.00.

**Common Lilac** (*S. vulgaris*). The commonest purple species, and one of the best. A good grower. Flowers and young leaves fragrant. 2 to 3 feet, 50c. each; per doz., \$5.00.

We can also supply all other varieties of Lilacs.

### SPECIAL COLLECTION OF FLOWERING SHRUBS

For those who are uncertain as to the proper selection of desirable shrubs, we offer

COLLECTION No. 1. Six flowering shrubs, six choice sorts, total \$1.75  
COLLECTION No. 2. Twelve " " " " " " \$3.25

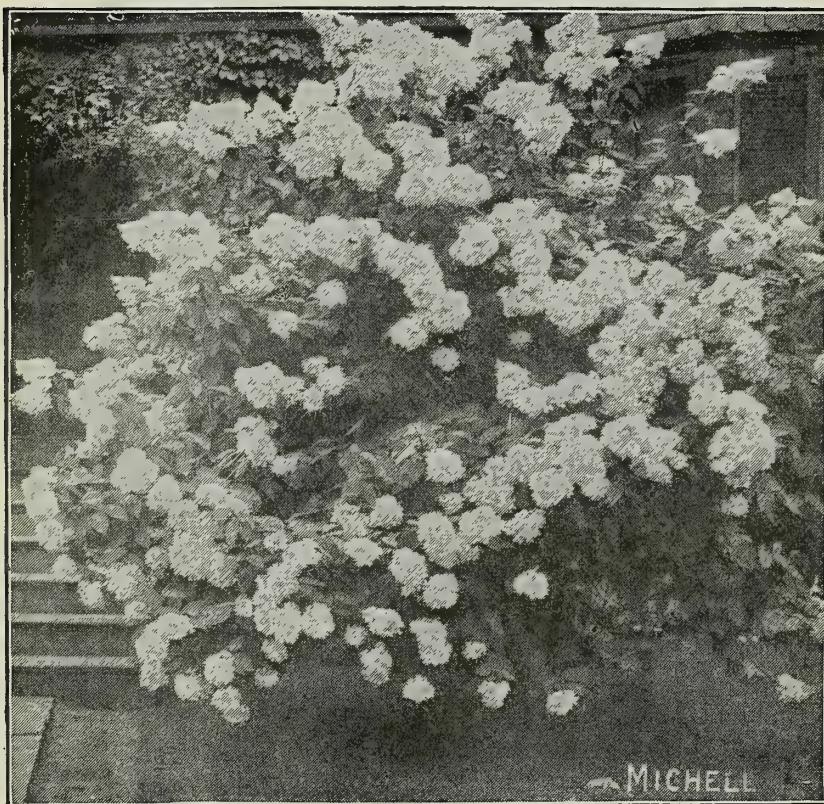
Shrubs can be shipped via express or freight only. No Plants sent C. O. D.

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# DECORATIVE SHRUBS

*For a complete list see pages 112 and 113.*



*Hydrangea Paniculata Grandiflora*

## HYDRANGAEA PANICULATA GRANDIFLORA

The large panicles of white flowers are at their best during August, later they take on a reddish cast which makes them very useful for dry flowers. These plants look fine used as single specimens on the lawn.

**Strong plants**, 35c. each; per doz., \$3.50.

**Extra Strong Stock**, 75c. each; per doz., \$8.00.

### \* HYDRANGEAS

Fine for planting in borders or amongst shrubbery on the lawn.

**Otaksa.** A beautiful pink Japanese variety producing immense heads of flowers; very fine for bedding, lasting well into summer.

**Empress Eugenie.** Of a purplish blue, very striking.

**Thomas Hogg.** A magnificent white variety, an elegant companion to the above two sorts.

The above sorts should be somewhat protected during the winter with straw or other suitable litter, as they are not entirely hardy.

Price, any of the above sorts, strong flowering size plants, 50c. each; per doz., \$5.00; \$35.00 per 100.

P.S.—We can also furnish specimen plants of the above in tubs for \$1.25, \$2.50 and \$5.00 each, according to size desired.

## HYDRANGAEA ARBORESCENS GRANDIFLORA ALBA

(Snowball Hydrangea)

The snow-white blooms are of the largest size. The habit of the plant is excellent, the foliage lacking entirely the coarseness of *Hydrangea Paniculata Grandiflora*. One of the most valuable characteristics is its coming into bloom just after the passing of all the early spring Shrubs, flowering from early June until late August. 50c. each, \$5.00 per doz.

## ALTHEA (Rose of Sharon)

On account of their late season of blooming they are most valuable. They may either be grown as specimen or as desirable hedges.

**Alba Plena.** Double white, crimson centre.

**Atropurpurea Plena.** Double purple.

**Coerulea Plena.** Double blue.

**Duchess de Brabant.** Double dark red.

**Folia Variegata.** Variegated foliage, green and white.

Strong plants, each 50c., \$5.00 per dozen.

## CHIONANTHUS VIRGINICA (White Fringe)

A tall growing shrub, flowering profusely in June; the flowers resemble bunches of white silken fringe. Each 35c., \$3.50 per doz.

## DAPHNE CNEORUM (Garland Flower)

A pretty dwarf spreading shrub, 6 to 8 inches high, especially suited for planting on rockeries; producing beautiful bright pink sweet-scented flowers early in May. Each 50c.

## EUONYMUS EUROPEUS (Burning Bush)

A conspicuous tall shrub, which in the autumn is loaded with scarlet seed-pods, from which orange-colored berries hang in slender threads. Each 35c.

## ELEAGNUS LONGIPES (Japanese Oleaster)

A desirable nearly evergreen shrub of medium height, with light foliage, which is silvered on the under surface. The orange-colored fruit is very attractive during late summer. Each 35c.

## JAPANESE MAPLES

Finely cut and bright colored foliage makes these plants a showy feature in any garden. As specimen in lawns they are incomparable. We can offer both yellow and purple-leaved. Young plants, 2-year-old, each 35c. Strong plants, 4-year-old, each \$1.50. Specimen plants, 5 feet high, from \$10.00 upwards.



*Viburnum Plicatum (Japanese Snowball)*

### \* VIBURNUM PLICATUM (Japanese Snowball)

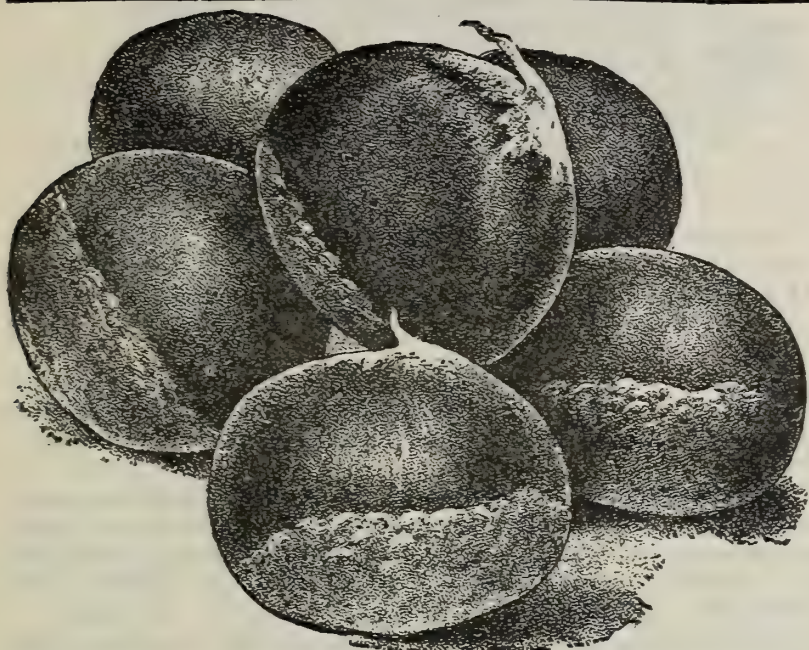
The beautiful Japanese Snowballs are a desirable shrub. They should be in every garden or on the lawn. They are perfectly hardy, blooming in June. *Extra fine plants*: 50c. each; per doz., \$5.00.

**Plants can be shipped via express or freight only. No Plants sent C. O. D.**



## FRUIT AND NUT TREES

In this department we are able to supply our customers with exceptional values. The list embraces only the best and tried kinds, the selection being large enough to satisfy most anyone's wants.



*Paragon Chestnuts*

### CHESTNUTS

Grafted Chestnuts are very desirable, as they come into bearing a year or two after planting.

**Alpha.** (*Japanese Grafted.*) The earliest known chestnut. Comes to bearing at two to three years old and is very productive. Nuts large, four inches around and two to three to a burr. Ripens September 5th to 10th, without frost; 4 to 6 ft. trees, \$1.75 each; per doz., \$17.50.

**Scott.** (*Grafted.*) A very vigorous, upright grower, attaining great size, the original tree having a spread of about eighty feet; immensely productive. Nuts of medium size, light in color, bright, handsome, of very good quality. 4 to 6 ft. trees, \$1.75 each; per doz., \$17.50.

**Spanish Numbo.** (*Grafted.*) Very hardy; very productive. Comes to bearing quite young. Nuts large and of good quality, ripening early, usually before frost. 4 to 6 ft. trees, \$1.50 each; per doz., \$15.00.

**Paragon.** (*Grafted.*) Tree hardy, productive; nuts large and of excellent quality. It has been known where two trees four years grafted produced one bushel of nuts each. 4 to 6 ft. trees, \$1.75 each; per doz., \$17.50.

**Parry's Giant.** (*Japanese Grafted.*) These nuts are enormous, measuring six inches in circumference and run two to a burr. A vigorous, upright grower and very productive; nuts smooth, dark and attractive; ripens September 25th. The largest known chestnut. 4 to 6 feet trees, \$1.75 each; per doz., \$17.50.

**Ridgeley.** (*Grafted.*) A large variety of the chestnut from Delaware. Very productive. As indicating its great value as a market variety, the crop from the original tree is reported to have brought \$32.00. 4 to 6 ft. tree, \$1.75 each; per doz., \$17.50.

**Native Sweet Chestnut.** The well-known chestnut of the forest, for sweetness and quality unsurpassed. A vigorous, healthy-growing tree, and the best stock on which to graft the improved varieties. It makes a beautiful shade tree, also, showing billowy masses of creamy bloom in summer. 3 to 4 ft. trees, 60c. each; per doz., \$6.00. 5 to 7 ft. trees, \$1.00 each; per doz., \$10.00.

### WALNUTS

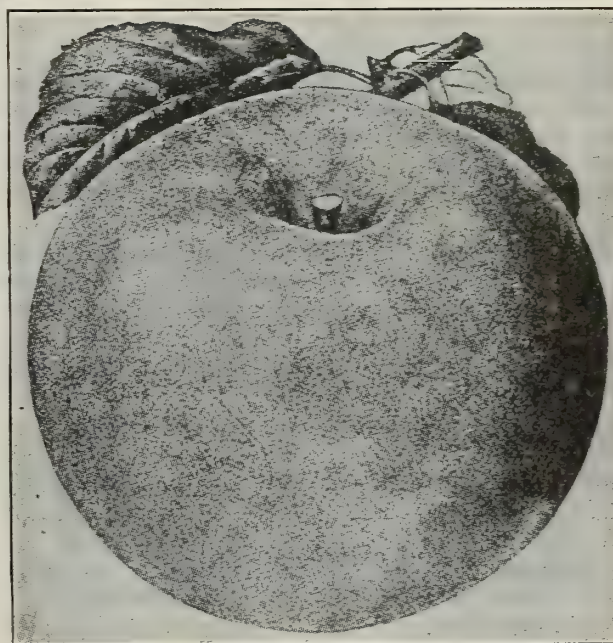
**Persian Kaghazi** is claimed to be the hardest of all soft-shelled walnuts. It is a vigorous, free grower; very prolific, producing nuts in clusters, and comes to fruiting very young. The nut is larger than in the ordinary varieties; the kernel full, plump, meaty, sweeter, richer in oils and of finer flavor. The shell is thin but not tender, like some "paper shell" varieties, does not crack in handling, still may be crushed in the fingers. 3 to 4 ft. trees, 75c. each; per doz., \$7.50. 4 to 5 ft. trees, \$1.00 each; per doz., \$10.00.

### WALNUTS—Continued

**Persian (Madeira).** The well-known English Walnut, a handsome, lofty-growing tree of spreading habit, hardy and productive as far north as New York City. Trees of this variety are plentiful in New Jersey, and produce annually immense crops of thin-shell nuts of a delicious quality. This tree should not be planted for the nuts alone, but as a shade and ornamental tree, its handsome form, deep green foliage, and clean appearance rendering it strikingly handsome as a lawn tree. 2 to 3 ft. trees, 50c. each; per doz., \$5.00. 3 to 4 ft. trees, 75c. each; per doz., \$7.50. 4 to 5 ft. trees, \$1.00 each; per doz., \$10.00.

**Black Walnut.** A native tree of large size and majestic form, beautiful foliage. The most valuable of all trees for its timber; a rapid grower, producing a large, round nut of excellent quality. 3 to 4 ft. trees, 50c. each; per doz., \$5.00.

We can also supply all other varieties of Nut Trees.



### APPLES

**Baldwin.** Large, roundish; deep bright red; very productive; handsome fruit. One of the most popular varieties in northern States. January to April.

**Ben Davis.** Large, handsome, striped, productive; a late keeper. A profitable market sort. December to March.

**Grimes' Golden.** (*Grimes' Golden Pippin.*) Of the highest quality; deep golden yellow, aromatic, spicy and rich. Tree vigorous and productive. January to April.

**Maiden's Blush.** Rather large and smooth, evenly shaded red or blush on a clear, pale yellow ground; with a pleasant sub-acid flavor. September and October.

**Red Astrachan.** Large, roundish, deep crimson, overspread with a thick bloom; juicy, rich, acid, very productive. August.

**Rhode Island Greening.** Large, greenish-yellow; tender, juicy and rich, with rather an acid flavor; an abundant bearer. December to April.

**Smokehouse.** A popular old variety in Pennsylvania, where it originated. Roundish oblate; yellow, shaded and striped with bright red; flesh yellowish. A rather crooked grower, but productive. September to February.

**Northern Spy.** Large, roundish, slightly conical. Flesh white and tender, with a rich and delicious flavor. The tree should be kept open by pruning, so as to admit the air and light freely. January to June.

**Orange Pippin.** Medium size; golden yellow; very productive and valuable. Early.

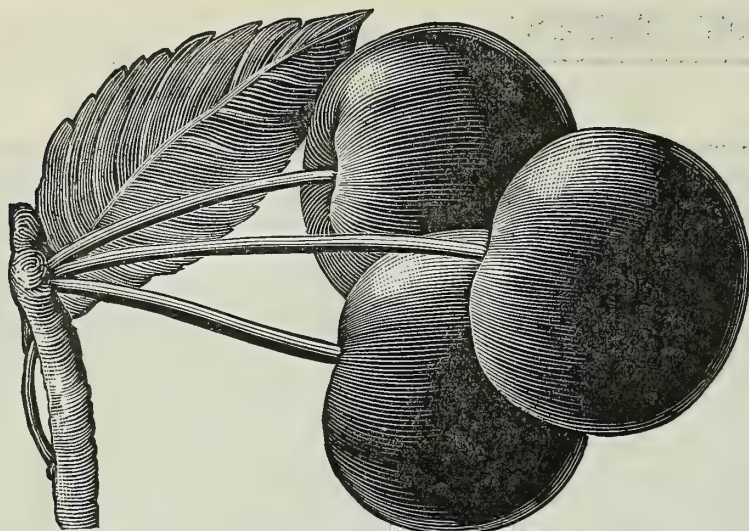
Any of the above in 6 to 8 ft. trees, 60c. each; doz., \$6.00; \$40.00 per 100.

We can also supply all other varieties, also Crab Apples.

All Trees can be shipped via express or freight only. No Trees sent C. O. D.

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Black Tartarian Cherry

## CHERRIES

**Black Tartarian.** Very large, purplish-black; flavor mild and pleasant. Tree a remarkably vigorous grower, and an immense bearer. Last of June and beginning of July.

**Early Richmond.** Medium size, dark red. This is one of the most valuable and popular of the acid cherries, is unsurpassed for cooking purposes and exceedingly productive. June.

**Governor Wood.** Fruit large, roundish, heart-shaped. Skin light yellow, shaded and marbled with bright red. Middle of June.

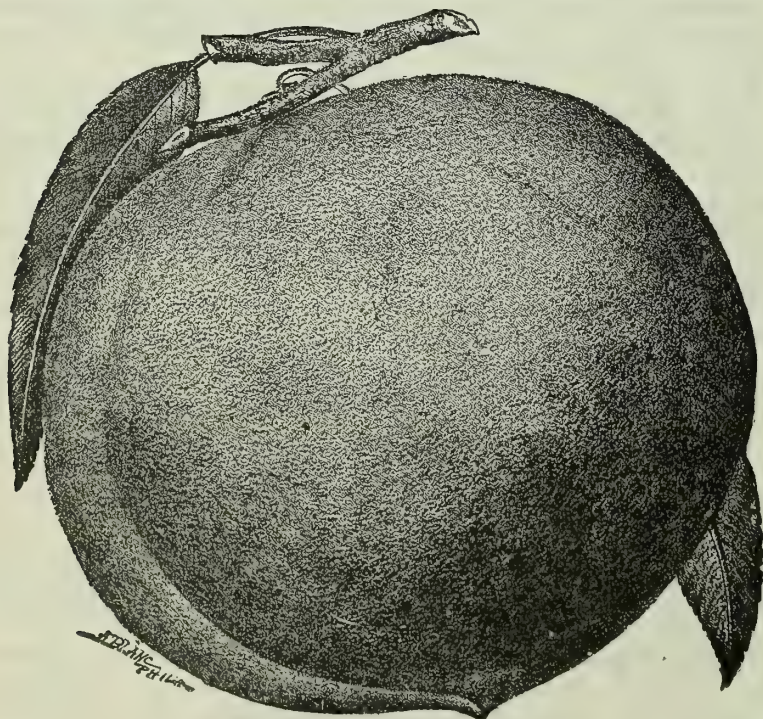
**Large Montmorency.** A popular market variety; good for all purposes. Vigorous grower, very productive. Fruit large, light red; ten days later than Early Richmond. Last of June.

**Mercer.** A heart variety of large size, excellent quality and attractive appearance, larger than Black Tartarian; color when ripe very dark red, very meaty and firm, free from rot and disease, very productive, hardy and a good grower; an excellent cherry for the home garden. Early.

**Napoleon.** A magnificent cherry of the largest size; pale yellow, with a bright red cheek; flesh very firm, juicy and sweet; enormous cropper; ripens late; valuable for canning.

**Yellow Spanish.** Large; pale yellow, with bright red cheek in the sun; flesh firm, juicy and delicious; one of the best, most beautiful and popular of all light-colored cherries. Tree erect, vigorous and productive. End of June.

Extra Strong Trees, 6 to 8 feet high, 75c. each; per doz., \$7.50. We can also supply all other varieties.



Crawford's Late Peach

## PEARS

**Bartlett.** Large size, with a beautiful blush; buttery, very juicy; bears early and abundantly. August and September.

**Flemish Beauty.** Large, beautiful, juicy, melting; good bearer; one of the hardiest and does well nearly everywhere. September and October.

**Howell.** Large, light, waxen yellow, with a fine, red cheek; handsome, rich; aromatic flavor. An early and profuse bearer. September and October.

**Kieffer.** While not of best quality, properly ripened it is a fair dessert fruit, and one of the very best for canning and preserving. October and November.

**Lawrence.** A good grower; very productive. Fruit medium, canary-yellow, sweet and excellent; a good keeper. December.

**Le Conte.** Very vigorous grower, with luxuriant foliage; fruit very large, greenish-yellow, smooth and handsome; juicy. Early.

**Rossney.** A large variety of rare merit; flesh fine grained and of superior flavor; skin a beautiful creamy yellow, with crimson blush, giving it a tempting appearance; ripening in September.

**Worden-Seckel.** A seedling of the Seckel. Equal in quality to its famous parent, which it much resembles in flavor, is equally as luscious, more juicy, while in size, color, form and appearance it is decidedly superior; hardy and an enormous bearer; fruit keeps well. October.

Extra Strong Trees, 6 to 8 feet high, 75c. each; per doz., \$7.50. We can also supply all other varieties.

## PLUMS

**Abundance.** The fruit is very large, showy and beautiful. Amber, turning to a rich, bright cherry color. Ripens early in August.

**Burbank.** Medium to rather large, conical in form; orange-yellow, overlaid with red; flesh firm, meaty, yellow; from two to four weeks later than Abundance.

**Hale.** The plums are of the largest size, bright orange-yellow skin, mottled and nearly covered with vivid cherry-red.

**Red June (Japan).** Vigorous and early; fruit medium to large, deep vermilion-red; very showy; flesh light lemon-yellow.

**Sultan.** Very large in size, deep purplish-crimson in color; flesh very firm, dark crimson shaded with pink.

**Wickson.** Fruit large, obconical, dark crimson-purple; flesh very firm, highly flavored; pit small. An excellent keeper. Ripens after Burbank.

**Wild Goose.** Large, rich, crimson; very productive and profitable.

Extra, 5 to 6 feet, 75c. each; per doz., \$7.50.

## PEACHES

Trees such as we furnish will often bear the year after they have been set out.

**Crawford's Early.** The best yellow peach for market; fruit large, oblong; skin yellow, with fine red cheek; flesh yellow, juicy; wonderfully productive. Last of August.

**Crawford's Late.** Fruit of the largest size; skin greenish-yellow, with dull red cheek; flesh yellow; one of the finest late sorts. Last of September.

**Elberta.** Large, yellow, with red cheek; flesh yellow; firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. Is doing well in all peach sections north and south. One of the leading market varieties. Follows Early Crawford.

**Mountain Rose.** The largest early peach. White, with red cheek; rich and very good; productive and reliable. Freestone.

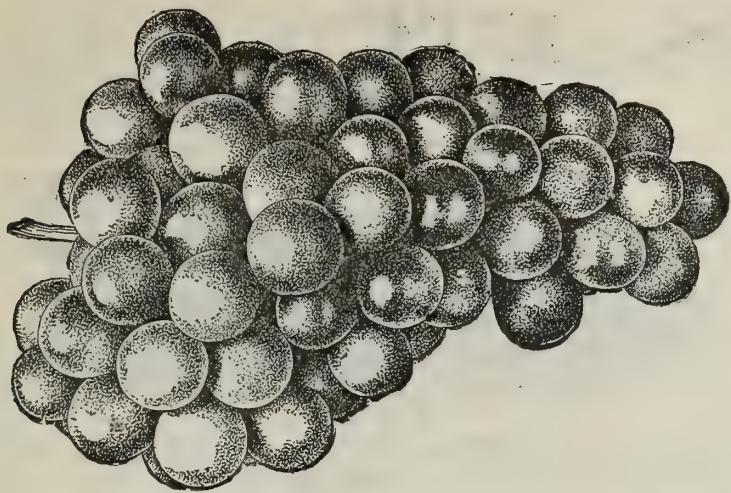
**Oldmixon Free.** Uniformly large; white, covered with bright red; one of the best. Last of August.

**Stump the World.** Very large; skin white, with bright red cheek; flesh white, juicy and good. Last of September.

Extra Strong Trees, 5 to 6 feet high, 40c. each; per doz., \$4.00. We can also supply all other varieties.

**QUINCES, APRICOTS and all other Fruit Trees**  
can be furnished promptly at reasonable prices  
for Reliable Stock.





## GRAPES

**Brighton.** Bunch large, well formed; berries above medium to large, round; excellent flavor and quality. One of the earliest in ripening.

**Campbell's Early.** A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich, delicious.

**Columbian.** Is claimed to be the largest grape ever placed on the market, and forms large, compact clusters. It is an excellent table grape, and excels all others for jelly. Vine is a strong grower, free from mildew, enormously productive, immense clusters of grapes, black in color; midseason.

**Concord.** The well-known standard purple variety, succeeds wherever grapes will grow.

**Delaware.** Bunches and berries rather small; light red; very juicy.

**Green Mountain.** A very early grape of the best quality; of medium size; color greenish-white; almost melting in the mouth; vine vigorous, healthy and productive. 50c. each, per doz. \$5.00.

**Moore's Diamond.** A strong healthy grower, hardy and productive; color white; berries large; flesh tender, juicy, but with little pulp; ripens before Concord.

**Moore's Early.** Berry large, with heavy blue bloom. Vine exceedingly hardy; desirable for an early market.

**Niagara.** An unusually strong grower; bunches very large and compact, berries large, light greenish-white, semi-transparent, has very little pulp and is sweet to the centre.

**Pocklington.** Bunch and berries large, when fully ripe a light golden-yellow. Vine thoroughly hardy, strong grower and productive.

**Vergennes.** Berries large, holding firmly to the stem; light amber; rich and delicious.

**Worden.** A beautiful, large black grape; larger, earlier and decidedly better than Concord.

**Wyoming.** Vine very hardy, healthy and robust. One of the most beautiful of the amber or red grapes, and in size nearly double that of the Delaware. Flesh tender and sweet, with a strong native aroma. Ripens before Delaware.

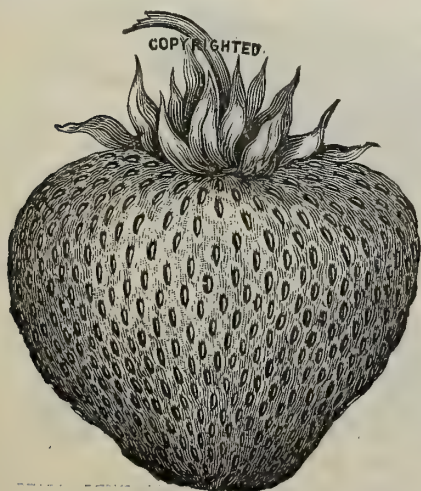
Prices, except where noted: 2-year-old, 25c. each, per doz. \$2.50; 3-year-old, 50c. each, per doz. \$5.00.

We can also supply all other varieties.

## STRAWBERRY PLANTS

About April 1st we can supply layer plants of all the leading sorts at 25c. per doz.; per 100, \$1.00; \$6.00 per 1000.

About July 15th we can supply pot-grown plants in all leading sorts at 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.



## BLACKBERRIES

**Eldorado.** A very vigorous grower, free from mildew or rust, enormously productive; fruit large, excellent quality, free from core. Per doz., 50c.; \$3.00 per 100.

**Erie.** Very productive; free from rust; fruit of good quality. 75c. per doz., \$3.00 per 100, \$12.00 per 1000.

**Ohmer.** Canes hardy; fruit very large; of excellent quality, firm, with no core, and sweet before soft or fully ripe. 50c. per doz., \$3.50 per 100.

**Mersereau.** Remarkably strong grower. An enormous producer of extra size berries which are brilliant black and retain their color, under all conditions; sweet, without core. Unsurpassed as a shipper and keeper. Per doz. 75c., \$4.00 per 100.

**Rathbun.** Fruit is of enormous size, single specimens measure one and three-quarters inches in length, firm and sweet, with no core. Plant is very hardy. 50c. per doz., per 100 \$3.00.

**Ward.** A new blackberry of great merit. A seedling of the Kittatinny, which it resembles somewhat. A very strong grower; it is perfectly hardy. The fruit is black throughout, very prolific and firm. 60c. per doz., \$4.00 per 100.

We can also supply all other varieties.

## CURRENTS

**Black Naples.** Fruit varies from small to large, averaging above medium; strong flavor. An old and well-known variety.

**Cherry.** Bush vigorous, stocky and compact; cluster rather short, with short stems; fruit averages large; color fine, bright red. One of the most productive of the large currants.

**Fay's Prolific.** Not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color darker than Cherry.

**North Star.** Bush very vigorous, upright, somewhat spreading; clusters medium length.

**Red Dutch.** An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

**Versailles (La Versailles).** Bush a vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

**White Grape.** Clusters long; berries very large; of very attractive color, mild flavor and good quality.

Price, any of above varieties of currants, except where noted, strong 2-year-old, 15c. each, per doz. \$1.25, \$8.00 per 100.

## GOOSEBERRIES

### 2-YEAR-OLD STRONG BUSHES

**Chautauqua.** A new white gooseberry, equaling the finest and largest varieties in size. 25c. each, per doz. \$2.50, \$17.50 per 100.

**Columbus.** A new yellow variety; very prolific, free from mildew; fruit larger than Industry. 25c. each, per doz. \$2.50, \$17.50 per 100.

**Downing.** Fruit medium to large, whitish green; flesh soft, juicy. Each 15c., per doz. \$1.50, per 100 \$10.00.

**Houghton.** Bush a vigorous grower, with rather slender branches; very productive. Fruit medium size, pale red, tender and good. 20c. each, per doz. \$2.00, \$12.50 per 100.

**Red Jacket.** Of American origin, possessing all the good qualities of the English type, and withstanding our severe climatic conditions with impunity. A wonderful cropper, with clean healthy foliage. 20c. each, per doz. \$2.00, \$12.50 per 100.

## RASPBERRIES

**Brilliant.** Ripens its fruit early and fast, producing bright, glossy, brilliant red berries, handsome. \$1.00 per doz., per 100 \$5.00.

**Cumberland (Blackcap).** The largest raspberry known. Selected specimens measure an inch in diameter, immensely productive. Season a little in advance of Gregg. 50c. per doz., per 100 \$3.00.

**Cuthbert.** Berries very large, measuring three inches around; conical; rich crimson. 50c. per doz., per 100 \$3.00.

**Columbian.** Fruit very large, often an inch in diameter; color dark red, bordering on purple. 75c. per doz., per 100 \$3.50.

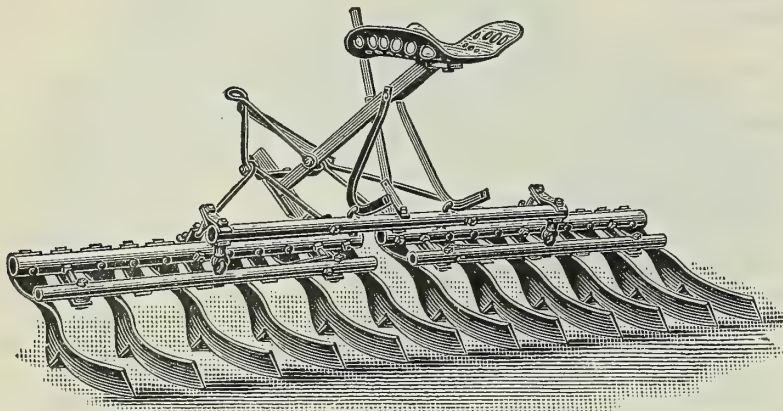
**Gregg (Black).** Large, firm, of good quality, ripening late. Exceedingly productive. 50c. per doz., per 100 \$3.00.

**Golden Queen.** Berries are large, of beautiful bright yellow, of excellent quality; medium to late. Per doz. 75c., \$3.50 per 100.

We can also supply all other varieties.



# HARROWS, ETC.



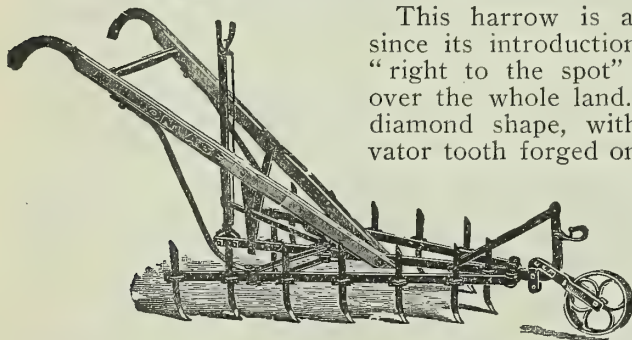
**Acme Pulverizing Harrow**

The **Acme Harrow** will be found by those having a large acreage to pulverize, an indispensable implement, it pulverizes and crushes the ground so thoroughly as to give it the appearance of having been done by hand.

Price, 6 ft. covering area, 2-horse .....\$17.00  
 " 4 " " " " " ..... 14.50  
 Extra blades or teeth, 50c. each.

**IRON AGE**

## DIAMOND TOOTH HARROW AND CULTIVATOR



This harrow is a tool that has, since its introduction, seemed to go "right to the spot" among farmers over the whole land. The teeth are diamond shape, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be quickly removed. Cultivating width

when equipped with lever expander, 34 inches with plain expander in place of lever expander, 38 inches.

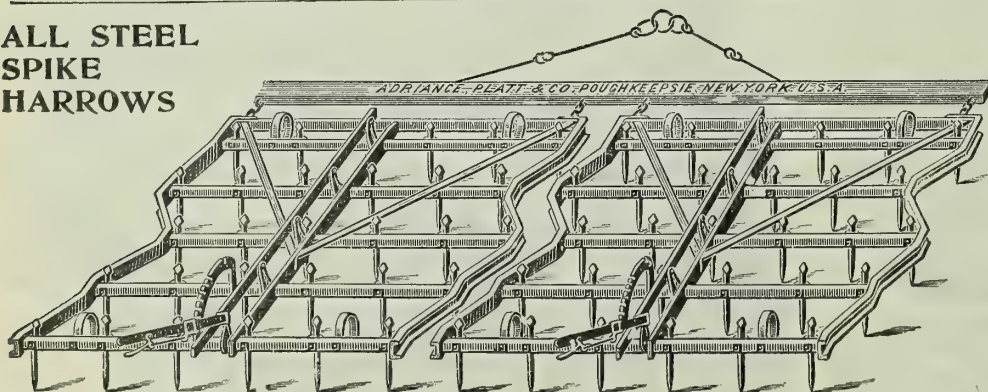
Price, complete, as in cut .....\$5.25  
 " without wheel, with lever ..... 4.75  
 " " " and lever ..... 4.00

## SINGLE AND DOUBLE TREES



Wood Single Trees,	26 inches,	hooks or rings,	price.....	\$0.75
" "	28 " "	" " "	" " "	.85
" Double " heavy,	" " "	" " "	" " "	2.50
Steel Single " 24 inches,	" " "	" " "	" " "	1.00
" Double " 33 " "	" " "	" " "	" " "	3.00

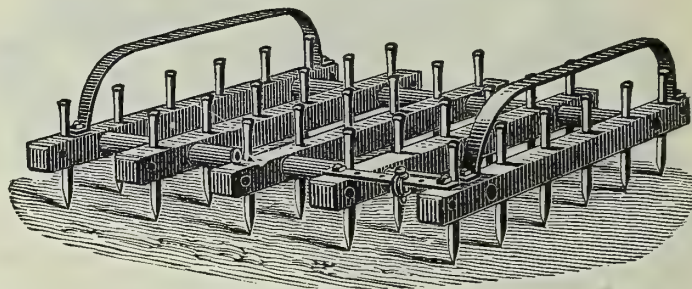
## ALL STEEL SPIKE HARROWS



Each section is furnished with an adjusting lever so that the teeth may be set at any desired angle without stopping. The harrow can be had in various sections, making it suitable for either one or two horses.

D Series. 25-tooth, 1 section, \$7.00; 30-tooth, 1 section, \$7.50; 60-tooth, 2 sections, \$13.50.

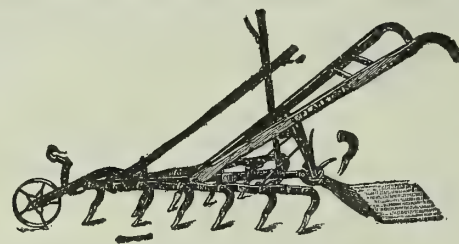
## THE EVANS HARROW



Though old-fashioned in appearance and construction, this harrow takes the place of many. The harrow is fitted with runners, upon which it may be turned to take it from place to place.

Price, 25 teeth.....\$6.00 Price, 30 teeth.....\$7.00

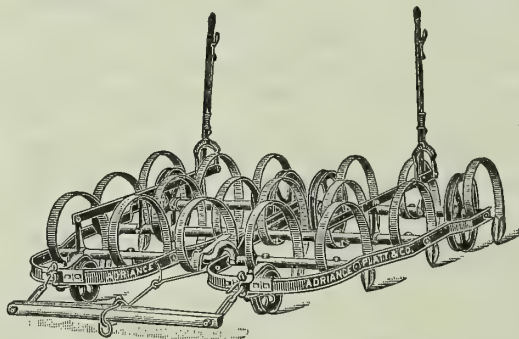
## THE PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER



With the Twelve-Tooth Harrow here shown, you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil, mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

Price, as in cut.....\$8.50 Price, less pulverizer  
 " less pulverizer ..... 7.00 and wheel .....\$5.75

## STEEL SPRING TOOTH HARROWS. R Series



Spring harrows are gradually becoming more favored. They are readily controlled by means of levers.

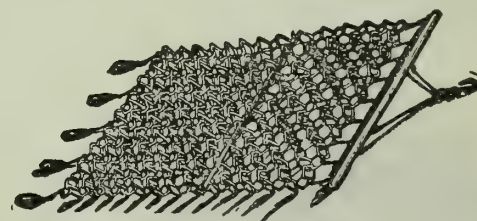
\*9-tooth, short shoe, \$11.75.

11-tooth, short shoe, \$14.00.

15-tooth, short shoe, two sections, \$17.50.

\*Are for one horse.

## SCOTCH CHAIN HARROW



One of the best implements for pulverizing the surface soil, leveling and smoothing, and is also splendid for covering grass seeds, etc. Used on driveways and race tracks, it smooths the surface, eliminating ruts and footprints.

One-horse size, 5 x 6 feet .....\$16.50  
 Medium two-horse, 6 x 7 3/4 feet ..... 22.50  
 Full two-horse size, 9 x 11 feet ..... 29.00

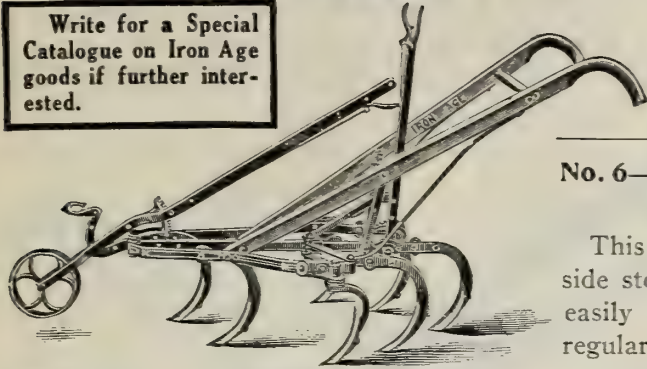
We are in position to furnish Steels and Parts for all the Harrows offered above



# IRON AGE

## HORSE HOES AND CULTIVATORS, Etc.

Write for a Special Catalogue on Iron Age goods if further interested.



No. 6—Fig 71. "Iron Age" Horse Hoe as a Cultivator, shown with "Furrow-Closing" Attachment

### No. 6—Fig. 100. Iron Age Horse Hoe and Cultivator

This machine is equipped with side steels or coverers, which can easily be detached, and have the regular cultivator teeth, which accompany each implement.

Price (as in cut) .....\$6.00

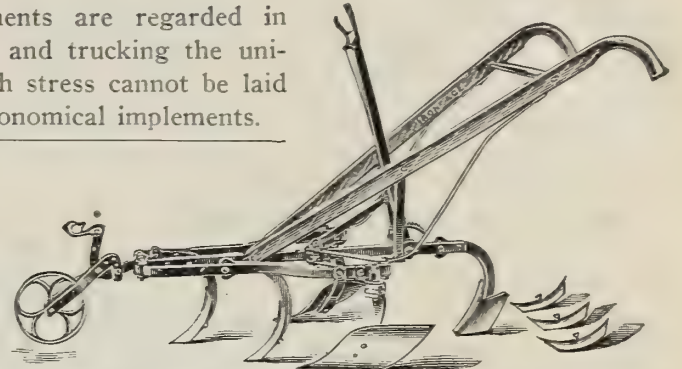


Fig. 100—No. 6 "Iron Age" Horse Hoe and Cultivator, with Plain Wheel

### No. 6 Fig. 71. Seven Tooth Iron Age Cultivator

The above illustration represents the most perfect agricultural appliance of its kind. By means of the lever wheel the depth may be regulated with a single stroke of the arm; the expanding lever renders it able to go through very narrow rows successfully. The cultivator may also be used as a five tooth machine by merely unbolting two teeth and arms.

Price (as in cut), \$7.00

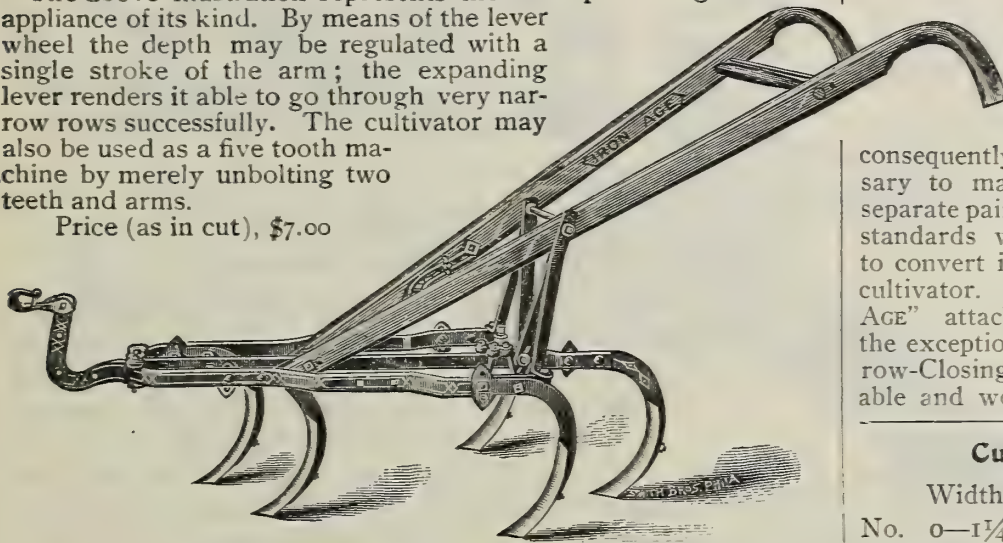


Fig. 10—No. 1 Iron Age Cultivator

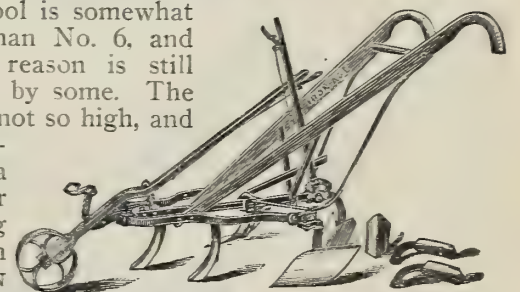
Largely sold in those sections of the country where labor is inefficient and a cheaper and simpler tool is desirable.

Price, as in cut .....\$3.40 | Price, with lever expander \$4.25  
" with plain wheel... 3.90 | " with lever & wheel. 4.65

### IRON AGE HORSE CULTIVATOR PARTS

Handles complete .....	\$0.75	Expanding Levers .....	\$1.20
Handles, each .....	.30	Expanding Clamps .....	.25
Handle Rounds .....	.10	Clevis .....	.15
Wheels, plain, No. 2 .....	.50	Wrenches .....	.10
Wheels with lever .....	1.00	Diamond Harrow Teeth..	.12

consequently it is necessary to make use of a separate pair of cultivator standards when wishing to convert it into a plain cultivator. All the "IRON AGE" attachments with the exception of the Furrow-Closing and Depth Regulator, are applicable to this admirable and well-known tool. Price, \$6.50.

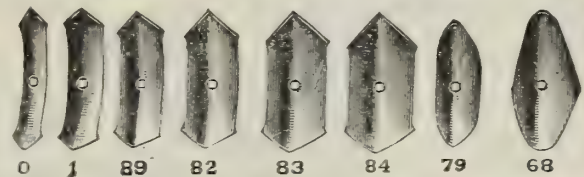


No. 1—Fig 64. Iron Age Cultivator

### Cultivator Teeth for Iron Age Implements

Width	Each.	Width	Each.
No. 0—1 1/4-inch .....	\$0.11	No. 82—3 -inch .....	\$0.12
No. 96—1 1/2-inch .....	.11	No. 83—3 1/2-inch .....	.14
No. 1—2 -inch .....	.11	No. 84—4 -inch .....	.15
No. 89—2 1/2-inch .....	.11	No. 68—4 -inch .....	.13

Bolts for Teeth, \$0.03 each; per dozen, \$0.30



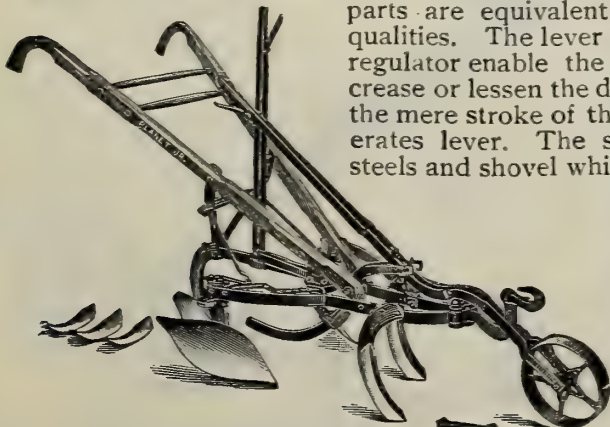
## PLANET JR. HORSE HOES AND CULTIVATORS

### No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

Price, with Attachments as Shown, \$8.50

Made of steel throughout, that is, frame and teeth, and all other parts are equivalent as to wearing qualities. The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by the mere stroke of the arm which operates lever. The side or covering steels and shovel which is in the rear

may be taken off and the arms so turned that when the extra teeth, which accompany the machine, are attached, it presents a perfect five-toothed cultivator.



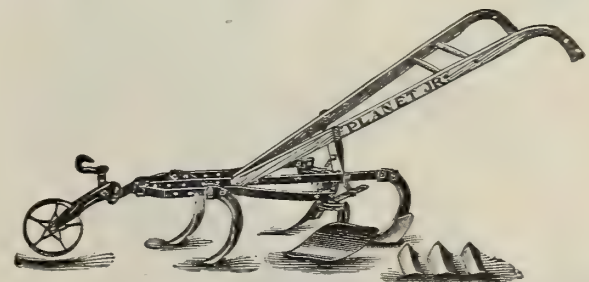
No. 8 Planet Jr. Horse Hoe

### No. 4 PLANET JR. HORSE HOE

Price, \$6.25 Without Wheel, \$5.50

PACKED WEIGHT, 62 LBS.

This represents a first-class, modern cultivator for either garden or field use. It can be used for furrowing covering and cultivating, being adjustable to these several purposes.



No. 4 Planet Jr. Horse Hoe

Complete Catalog on Planet Jr. Cultivators mailed on request



## PLANET JR. GARDEN TOOLS

COMPLETE CATALOGUE ON PLANET JR. IMPLEMENTS  
MAILED ON REQUEST

### THE MAN BEHIND THE PLANET JR.

knows it takes *more* work off his hands, and makes him do *better* gardening, than any other garden implement made. Besides, **Planet Jr.** Seeders, Wheel Hoes, and Cultivators are well made and they are **guaranteed**—no other maker uses such materials or puts such work into his tools. Half a million users know how long they last.

### PRICES OF PLANET JR. DRILLS (Not Illustrated)

No. 1 . . . . .	\$9.00
No. 2 . . . . .	7.00
No. 25. Combined . . . . .	13.00
No. 5 . . . . .	12.50

### NO. 4 PLANET JR.

#### COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single Wheel Hoe or weeder, a cultivator and a plow. The hopper holds 2 quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day in the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops. See price at top of opposite side of this page.

### No. 3 PLANET JR. DRILL

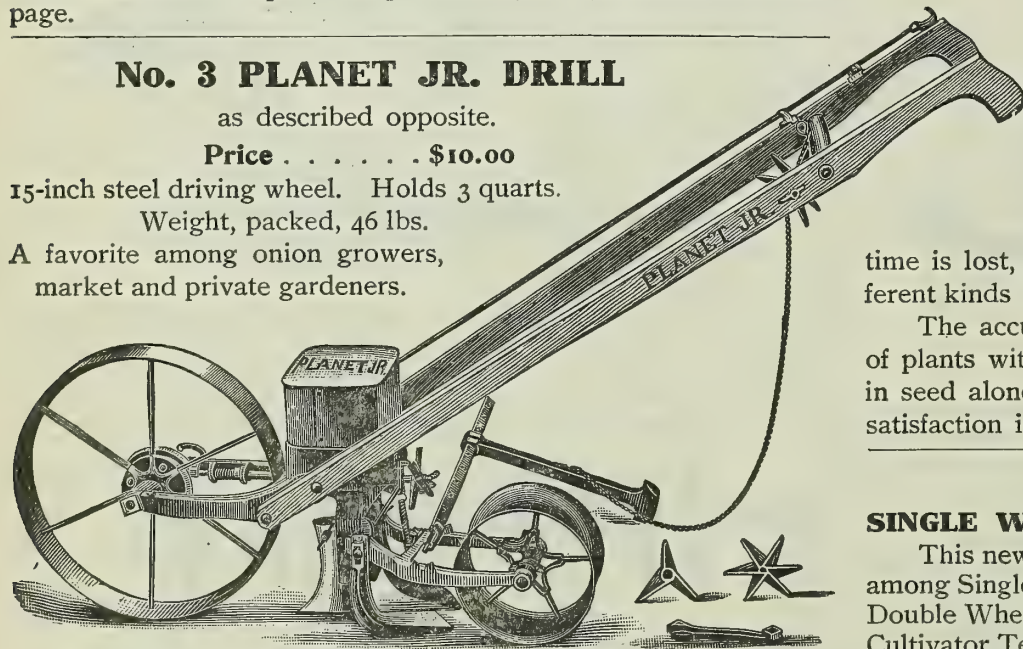
as described opposite.

Price . . . . . \$10.00

15-inch steel driving wheel. Holds 3 quarts.

Weight, packed, 46 lbs.

A favorite among onion growers, market and private gardeners.



### No. 14 PLANET JR.

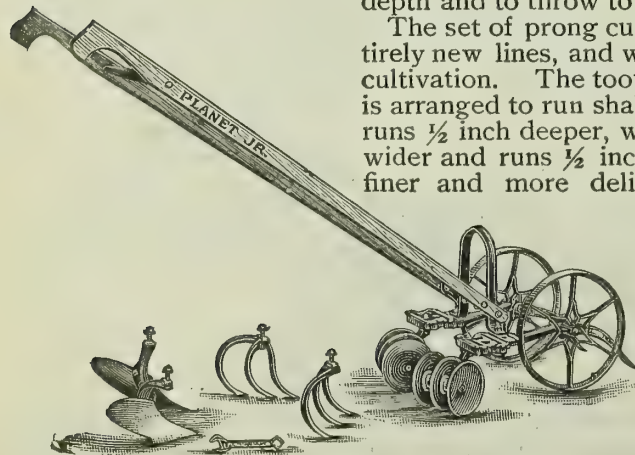
#### DOUBLE WHEEL DISC HOE, CULTIVATOR AND PLOW

This is a new tool for 1909, which will give excellent satisfaction. The discs are also adjustable for depth and to throw to or from the row as desired.

The set of prong cultivator teeth is constructed on entirely new lines, and will be found invaluable in general cultivation. The tooth next to the row is narrow and is arranged to run shallow, the middle tooth is wider and runs 1/2 inch deeper, while the outside tooth is very much wider and runs 1/2 inch deeper still, so that the work is finer and more delicate next to the row, to avoid injury to the roots of plants, and deeper in the center. The teeth are also set out of line from front to back, which makes them work with greater freedom.

The plows are the regular Planet Jr. model and are continually valuable for furrowing and covering, for plowing away and plowing back as required.

Price, with Attachments, \$7.50.



No. 14 Planet Jr. Wheel Hoe

### No. 4 PLANET JR. DRILL

Price, Complete, \$10.50.

As a Seeder only, \$8.50.

Steel Driving Wheel. Weight, packed, 47 lbs.

Holds 2 1/2 quarts.

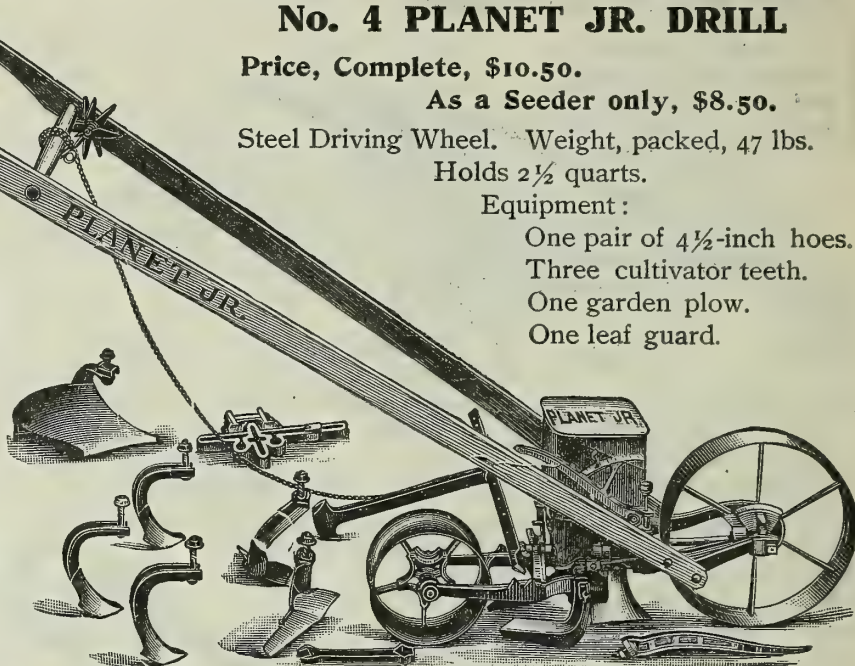
Equipment:

One pair of 4 1/2-inch hoes.

Three cultivator teeth.

One garden plow.

One leaf guard.



### No. 3 PLANET JR.

#### HILL AND DRILL SEEDER

This Seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No

time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds in the exact thickness required.

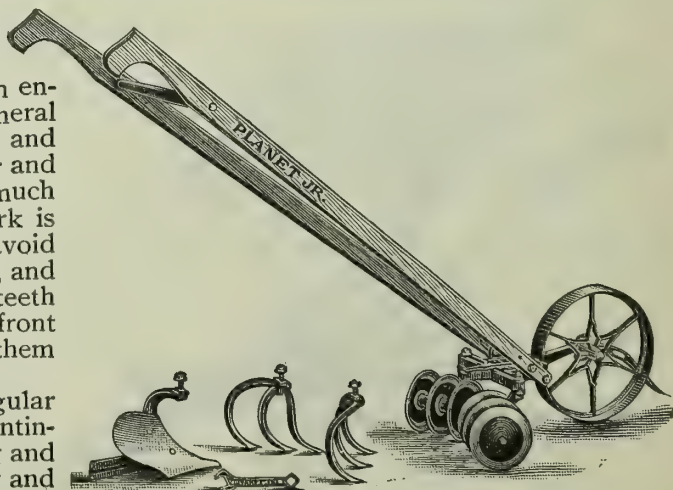
The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. We guarantee this drill to be accurate and give satisfaction in every respect.

### No. 38 PLANET JR.

#### SINGLE WHEEL DISC HOE, CULTIVATOR AND PLOW

This new tool is a combination occupying the same position among Single Wheel Hoes as that taken by the No. 14 Planet Jr. Double Wheel Disc Hoe among Doubles. The sets of Discs and Cultivator Teeth are the same as furnished with No. 14 Disc Hoe, and the Plow is identical with that furnished with our Single Wheel Hoe.

Price, complete, as in cut, \$6.50.



No. 38 Planet Jr. Single Wheel Hoe



# IRON AGE DRILLS AND SEED SOWERS

## THE MODEL SEED DRILL

Though one of the older types of seeding devices, it is to-day as popular as any of the newer ones. The frame work is substantially made of wood, and every part works perfect. It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardeners' drill, having a large carriage capacity for seeds, and is a wonderfully efficient machine.

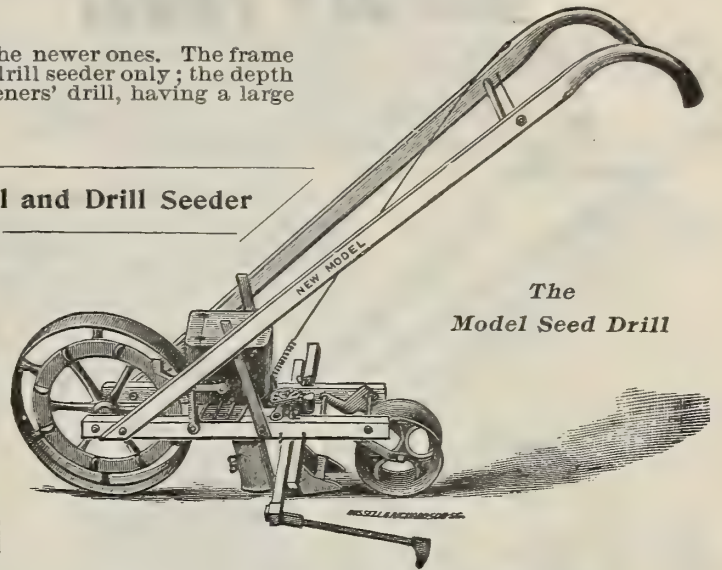
Price.....\$2.00

## No. 6 Iron Age Double and Single Wheel Hoe and Combined Hill and Drill Seeder

The simplicity and completeness of the "IRON AGE" combined implements in all their forms make their use practical, even with the busiest gardeners.

From a Seed Drill this tool can be converted into a Wheel Hoe, either single or double, it requiring but about three minutes to change to a Double Wheel Hoe and about two minutes to a Single Wheel Hoe, by an inexperienced operator.

Price, as in cut.....\$12.00  
" as Drill only..... 9.00



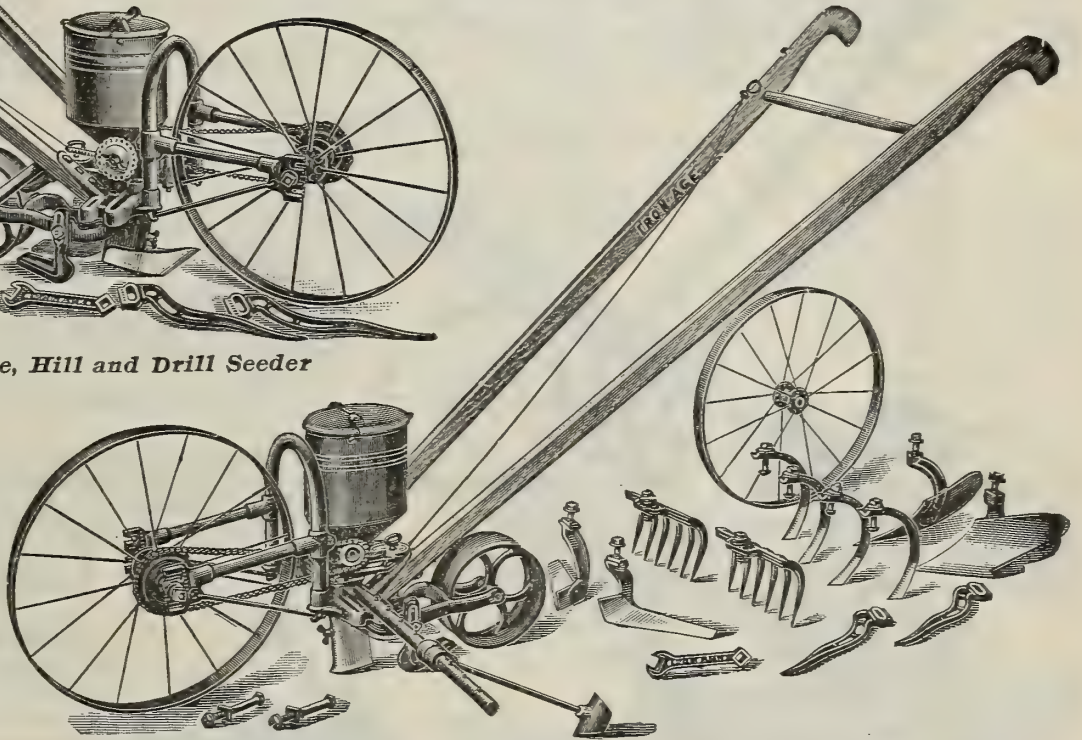
The  
Model Seed Drill



No. 6 Double and Single Wheel Hoe, Hill and Drill Seeder

Send for a Catalogue giving complete information on Iron Age Goods.

We can furnish promptly all parts for the Iron Age Seed Drills at factory prices. A complete price-list of repairs mailed free on request.

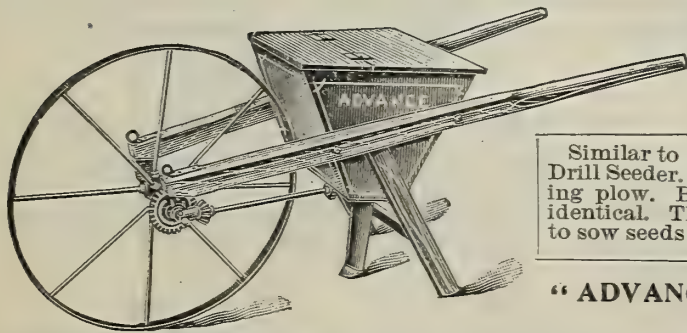


No. 4 Combined Double and Single Wheel Hoe and Drill

## No. 4 Iron Age Combined Double and Single Wheel Hoe and Drill Seeder

Price, as in cut.....\$11.00  
" as a Drill Seeder only..... 8.00

Similar to the No. 6 Combined Double Wheel Hoe, Hill and Drill Seeder. It only differs in the seed sowing device and opening plow. Both tools as Double and Single Wheel Hoes are identical. The seed sowing device of our No. 4 is only designed to sow seeds in continuous rows.



Advance Drill

## "ADVANCE" FERTILIZER DRILL

Packed Weight, 46 Pounds

The increased use of commercial fertilizers has fairly compelled the farmer and planter of the present day to provide himself with improved appliances for properly and economically distributing these adjuncts of modern farming.

We claim the "Advance" to be the best low-priced distributor on the market, and would call attention to its distributing disc of galvanized iron, which can neither break nor rust; also to the wrought iron wheel, which is light and strong.

A shut-off, to prevent the escape of fertilizer when wheeling around end of row, is a late improvement; being one of those little things which go far, however, in making a tool valuable.

A first-class tool for the drilling of peas and corn.

Price, each.....\$6.75



No. 22  
Iron Age Fer-  
tilizer, Dis-  
tributor and  
Seeder

## No. 22 "IRON AGE" COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER

Price, \$18.00. Packed Weight, 65 Pounds.

This has proved one of the most successful seed and fertilizer drills ever offered to the public. The fertilizer is distributed more accurately than though it were put on by hand, and the two operations—seeding and fertilizing—are done in one operation.



# IRON AGE WHEEL HOES, ETC.

Wheel Hoes have largely done away with the tiresome and laborious work formerly connected with the keeping of a garden or farm. One Wheel Hoe in the hands of an intelligent operator will perform as much work with comfort as six men with hand hoes in the same amount of time.

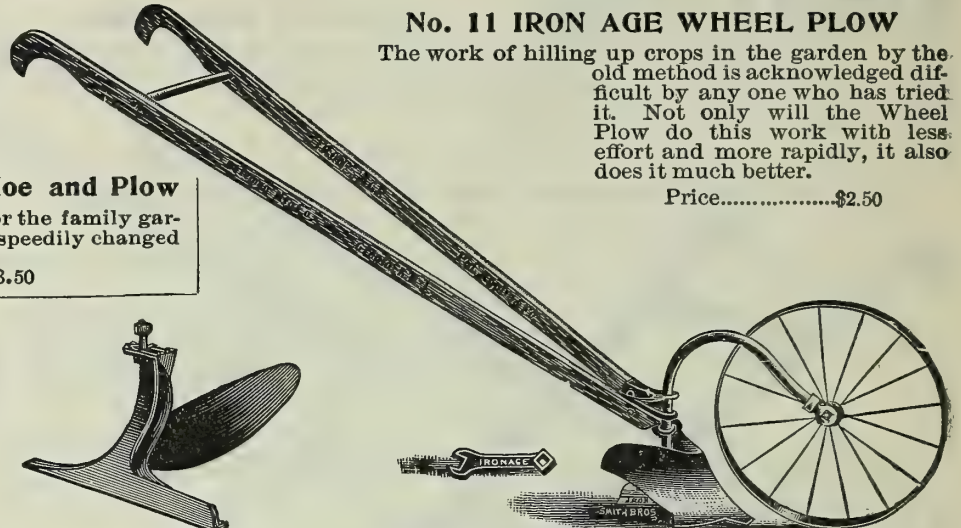


## No. 12 Iron Age Wheel Hoe and Plow

This tool is a most desirable one for the family garden and truck patch. It may be speedily changed for different purposes.

Price.....\$3.50

No. 12 Iron Age Wheel Hoe

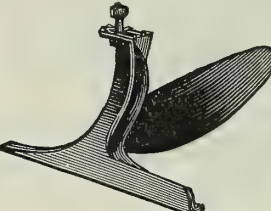


## No. 11 IRON AGE WHEEL PLOW

The work of hilling up crops in the garden by the old method is acknowledged difficult by any one who has tried it. Not only will the Wheel Plow do this work with less effort and more rapidly, it also does it much better.

Price.....\$2.50

No. 11 Iron Age Wheel Plow



Gem Landside Plow

## GEM LANDSIDE PLOW

Suitable for attaching to Gem Double and Single Wheel Hoes. Price 90 cts.

## THE "IRON AGE" LANDSIDE PLOW

May be attached to all Iron Age Wheel Hoes. Price, 90 cts.



## No. 9 Iron Age Wheel Hoe, Plow and Cultivator

This implement is the most complete of the Iron Age single wheel hand tools. It may be used as a hilling plow for hoeing, weeding and raking. It will be found most practical in any large private garden or upon the extensive market gardening establishment.

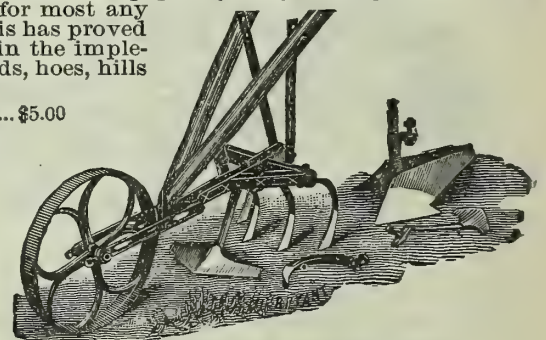
Price.....\$5.25

No. 9 Iron Age Wheel Hoe

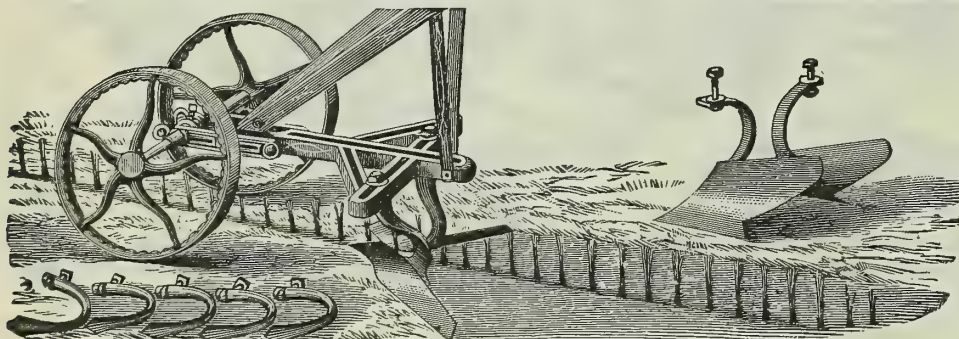
## GEM SINGLE WHEEL HOE

Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. This has proved one of the best sellers in the implement market. It weeds, hoes, hills and harrows.

Price.....\$5.00



Gem Single Wheel Hoe



Gem Double Wheel Hoe

## GEM DOUBLE WHEEL HOE

This Wheel Hoe is very similar to the single wheel, excepting for the fact of it possessing another wheel and being minus the scuffler, for which it has instead one pair of side hoes, which can be used to better advantage on such a tool. The wheels are so arranged so they may be adjusted to enable various growing plants to be worked on both sides in narrow or wide rows.

Price.....\$6.00

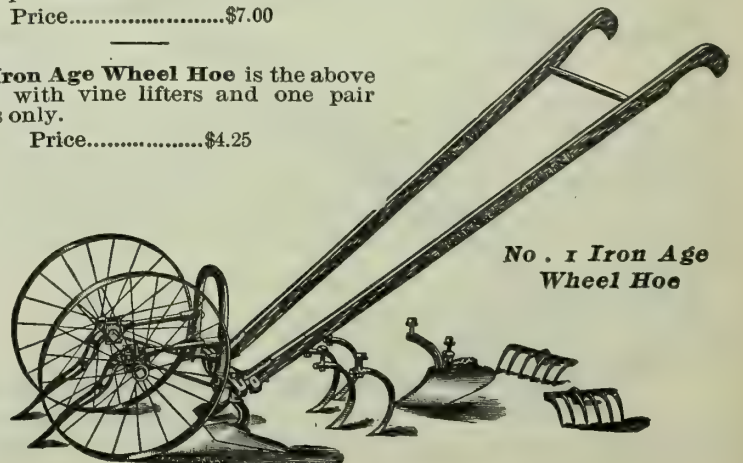
## No. 1 IRON AGE DOUBLE WHEEL HOE

Double Wheel Hoes possess very great features over the single wheel machines. One point is that a row of plants may be worked complete on both sides with safety, and the entire soil gets thoroughly loosened without the least possible injury to the plants. The high center arch enables this type of machine to be used where others would not be so practical.

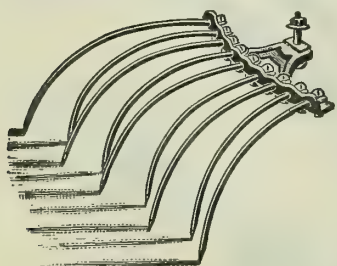
Price.....\$7.00

No. 3 Iron Age Wheel Hoe is the above machine with vine lifters and one pair side hoes only.

Price.....\$4.25



No. 1 Iron Age Wheel Hoe



Weeding Attachment

## WEEDER ATTACHMENT

This attachment is indispensable for using on single wheel Iron Age machines. It scarifies the soil, thoroughly destroying all the young growth of weeds.

Price, each (see cut).....\$0.80

For Double Wheel Hoes, \$1.10 per pair.

## IRON AGE HAND PLOW

For making furrows, hilling, etc.

Price, each.....\$1.35



Iron Age Hand Plow

Extra Parts for Iron Age Wheel Hoes at lowest prices.  
Send for Repair Price List



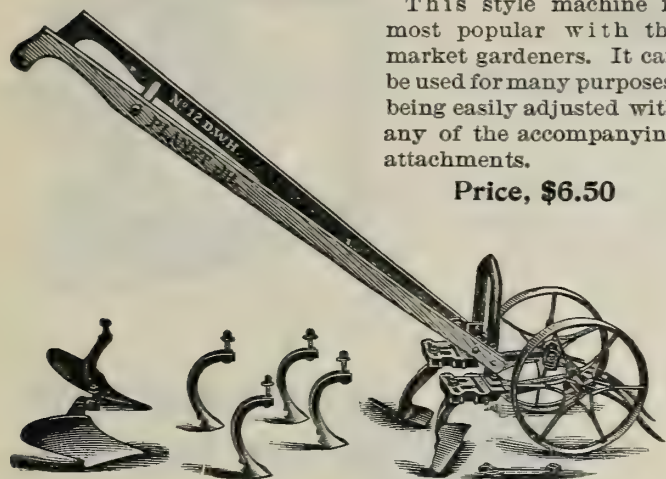
# PLANET JR. WHEEL HOES, ETC.

Planet Jr.'s are found now in almost every part of the civilized world. This alone (outside of their many other distinctive features) bespeaks for them a place worthy in every collection of garden and farm tools

## No. 12 Planet Jr. Double Wheel Hoe

This style machine is most popular with the market gardeners. It can be used for many purposes, being easily adjusted with any of the accompanying attachments.

Price, \$6.50



No. 12—Planet Jr. Wheel Hoe

## No. 13

### PLANET JR. DOUBLE WHEEL HOE

Many gardeners desire an implement for hoeing only. No. 13 style is best suited for this purpose; the high steel arch is adjustable to various widths of row; comes fitted with one pair of side hoes only. The machine is otherwise precisely as is the No. 12.

Price, \$4.50

## No. 11 Planet Jr. Double Wheel Hoe

Undoubtedly this is the most complete wheel hoe offered to the gardening community; the various attachments can be used independent of one another. The large assortment of tools accompanying it renders it invaluable to the market gardener in these days of competition. Price, \$8.50

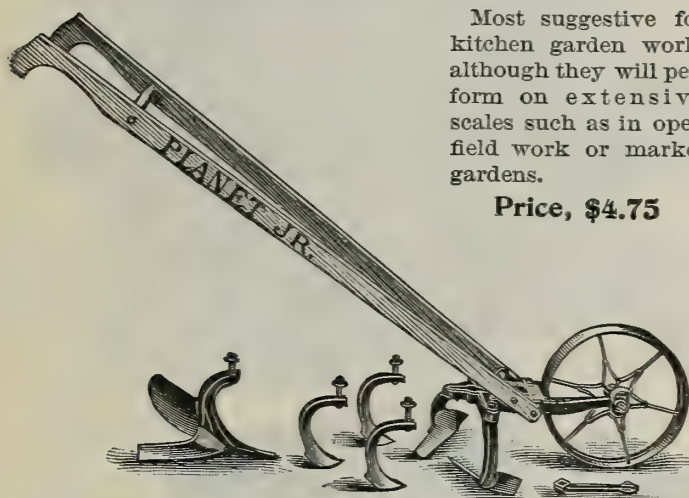


No. 11—Planet Jr. Wheel Hoe

## No. 17 Planet Jr. Single Wheel Hoe

Most suggestive for kitchen garden work, although they will perform on extensive scales such as in open field work or market gardens.

Price, \$4.75



No. 17—Planet Jr. Wheel Hoe

## No. 18

### PLANET JR. SINGLE WHEEL HOE

This machine is built in every way like the Nos. 16 and 17, but is fitted with a pair of side hoes only. The frame is identical with the aforementioned machines, so as one's requirements may grow, the attachments which can be purchased at a nominal price may be added.

Price, \$3.25

## No. 16 Planet Jr. Single Wheel Hoe

This single wheel hoe compares favorably in completeness with any other style or make. Among its attachments will be found those that are in demand for performing accurate and rapid work.

Price, \$5.50

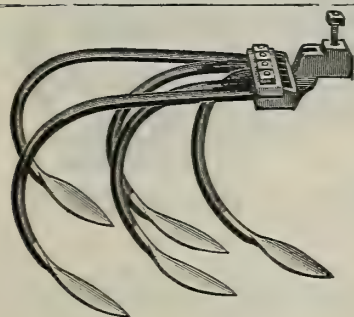


No. 16—Planet Jr. Single Wheel Hoe

## INVINCIBLE ADJUSTABLE GARDEN CULTIVATOR

This is a wonderfully useful tool, displacing the hoe and rake almost entirely in garden cultivating. The teeth are made of extra good steel. They are adjustable, to cultivate shallow or deep.

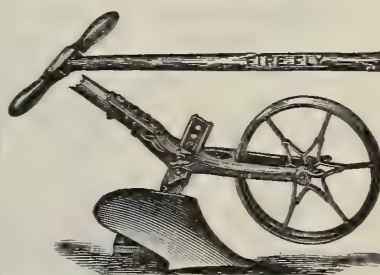
Price, \$1.00 each



## FIRE FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring).

Price, \$2.25



## PARTS FOR PLANET JR. WHEEL HOES, ETC.

### FOR SINGLE WHEEL HOE

Wheel, plain.....	\$0.60
Leaf Lifter.....	.20
Frame.....	.75
Handles, per pair.....	.70

### FOR DOUBLE WHEEL HOE

Wrench.....	\$0.12
Side Frames, each.....	.55
Wheels, each.....	.60
Arch.....	.80
Handles, per pair.....	.70
Leaf Lifters, each.....	.20

### FOR FIRE FLY PLOW

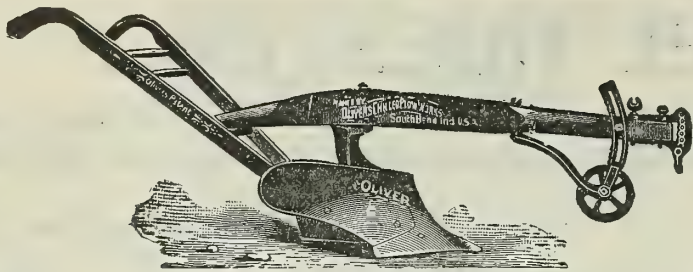
Handle.....	\$0.50
Frame.....	.70
Wheel.....	.60
Mouldboard.....	.60

## PARTS FOR SINGLE AND DOUBLE WHEEL HOES

Side Hoes, per pair.....	\$0.90
Side Plows, per pair.....	1.10
Cultivator Teeth, each.....	.35
Landside Plow.....	1.10

Rakes, 3-tooth.....	\$0.35
Rakes, 5-tooth.....	.45
Rakes, 7-tooth.....	.55
Onion Harvester, 12-inch.....	1.25
Onion Harvester, 8-inch.....	1.00





### OLIVER PLOWS

The Oliver Chilled Plow is one of the older favorites still demanded by the farmer and gardener. They are claimed to be superior (from a point of material, entering into the manufacture of them) to other makes. Wood beam.

No.		Furrow	Price
A2.	1 horse	4½ x 9 inch.	\$5.00
10.	1 horse	5 x 10 inch.	7.50
40.	2 horse	9 x 16 inch.	11.00

The above are prices on plain plow. If wheel only is wanted, add \$1.00, or if jointer only is wanted, add \$2.00.

### No. SOUTH BEND PLOWS (Wood Beam) Price

1.	1 horse	\$5.50
2.	1 horse	8.00
3.	2 horse	13.00
4.	2 horse, heavy	13.50

Nos. 3 and 4 are furnished with jointer and wheel. A cutter may be substituted for jointer at same price if desired. Jointer, if wanted otherwise, \$2.00; wheel, if wanted otherwise, \$1.00.

### No. GALE PLOWS (Wood Beam) Price

25A	1 horse	\$6.00
20.	2 horse, with wheel and jointer	12.50

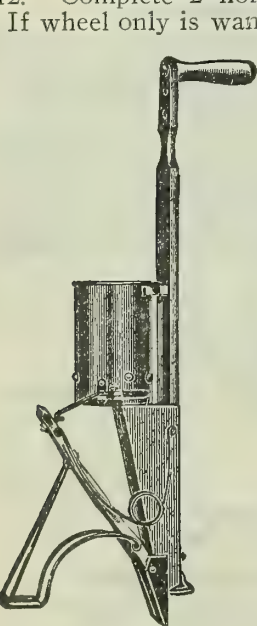
### SYRACUSE PLOW (Steel and Iron Beam)

The Syracuse steel beam plow is especially adapted to heavy or stony land. It will resist wear and give satisfaction in more places than any other plow.

No.		Furrow	Price
2.	1878. Medium, 2 horse (Iron Beam) jointer and wheel	6 x 12 inch.	\$14.00
9.	Large, 2 horse (Steel Beam) jointer and wheel	8 x 15 inch.	15.00

### SYRACUSE PLOW (Wood Beam)

No.		Furrow	Price
52L.	1 horse	5 x 8 inch.	\$8.00
812.	Complete 2 horse reversible hillside	8 x 15 inch.	15.00



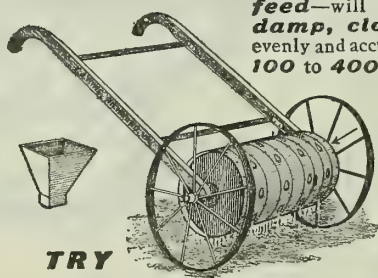
American Hand Corn Planters

### AMERICAN HAND CORN PLANTERS

A planter of this type is a great economizer of seed, besides saving an enormous amount of labor by rapid planting. Price, \$2.00.

### The King Spreader

for TRUCKERS and GARDNERS will broadcast or drill any quantity to the acre.



TRY  
A

### SAMPLE MACHINE

It is durable, simple—and sold at low price. Will distribute anything, damp or dry—will put out 1000 lbs. of fertilizer in drill, will distribute 100 pounds of nitrate between rows of growing plants, either broadcast or in two separate streaks down by side of the plants. Positive force feed—can't clog, always ready and sold at a low price.

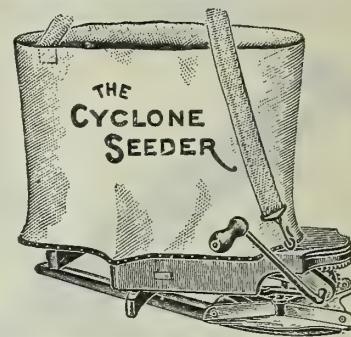
Price, \$15.00



### CYCLONE SEEDER

There is a demand for a low priced seeder, and the Cyclone is designed to fill that want. Distributes very evenly and accurately. Can be regulated to sow various quantities.

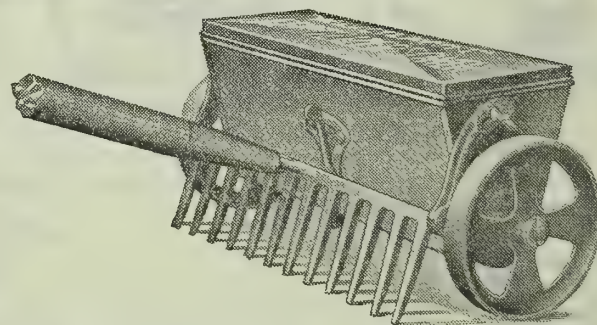
Price, \$1.75.



### WHEELBARROW GRASS SEEDERS



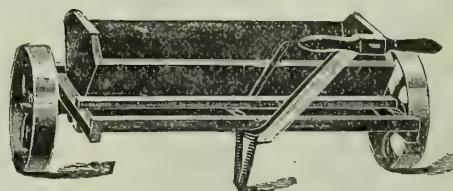
These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground which is an important feature, preventing the seed from blowing away and thus coming up unevenly. Price (14 feet sowing area), \$7.00; 16 feet sowing area, \$8.00.



### VELVET FERTILIZER SOWER

The only hand-power Fertilizer Sower on the market that will sow evenly, accurately and any desired amount, all brands of pulverized dry fertilizers. The Fertilizer Box, or Hopper, is made of heavy Galvanized Metal and holds fifteen pounds. The amount sown is under absolute control, to a fraction of a pound. It is equipped with an Agitator, as well as Force Feeders. It insures the even spreading of the fertilizer over the ground the entire width of the machine, and the machine sets so close to the ground that the wind has no chance to blow the fertilizer about while being sown. Price, \$6.00.

### THE STEVENS FERTILIZER DISTRIBUTOR



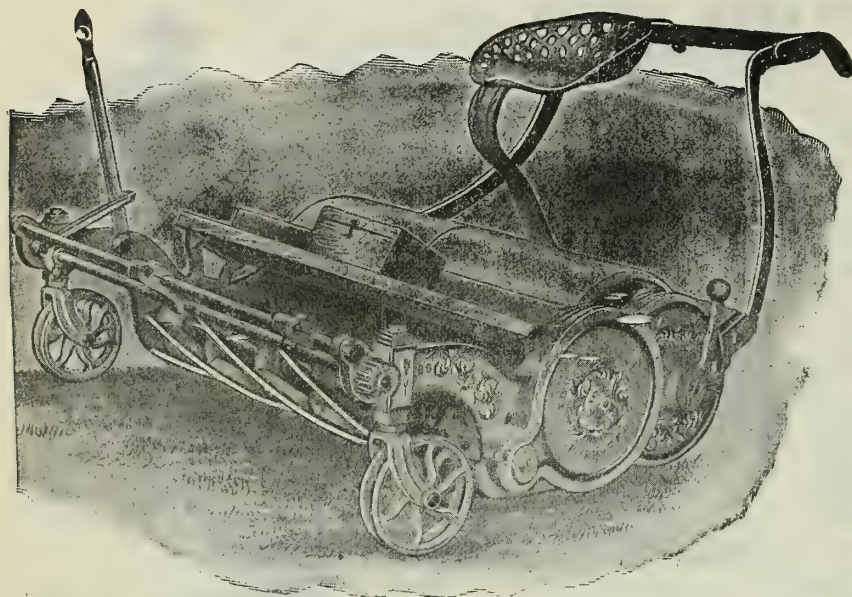
For distributing bone meal, wood ashes, and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1¼ bu., nicely finished, covering area 3 feet wide. Price, \$12.00.







# COLDWELL'S "FAMOUS" LAWN MOWERS



## COLDWELL HORSE LAWN MOWER

This machine is undisputably the most satisfactory Horse Lawn Mower in use to-day. Everywhere, upon our largest lawns, upon golf courses throughout the country, the Coldwell is in evidence. Each machine is fitted with a device for regulating the height of cut by the mere raising or lowering of a lever. Every mower guaranteed. The mowers offered here are four-blade cylinder machines.

Price	Price
25-inch (Pony Style) ...\$37.50	35-inch, with seat and shafts .....\$75.00
30-inch, with draft irons. 55.00	40-inch, with draft irons 85.00
30-inch, with seat and shafts ..... 60.00	40-inch, with seat and shafts ..... 90.00
35-inch, with draft irons. 70.00	

The above prices include prepaid freight where mowers are sent direct from the factory.

**Note.**—If Coldwell Horse Mowers are desired with six blades, add \$6.00 to the price of each machine. If Grass Catcher is desired, add \$12.00 to the price of each machine.

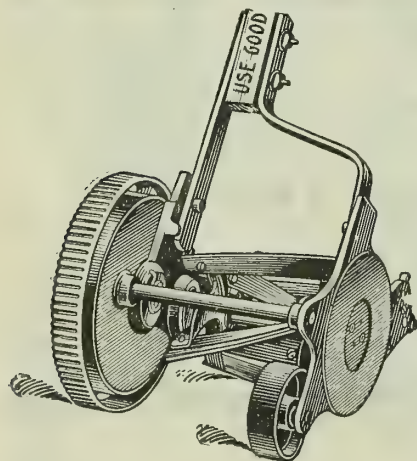
## PHILADELPHIA HORSE LAWN MOWER

30-inch, with draft pole and single tree.....	\$62.50
35-inch, with draft pole and single tree.....	72.50
30-inch, Eagle, complete, seat and shafts.....	67.50
35-inch, Eagle, complete, seat and shafts.....	85.00
40-inch, Eagle, complete, seat and shafts.....	102.50

## PENNA. UNDERCUT LAWN TRIMMER (Patented)

Owing to the conical shaped cylinder and bent side plate this machine will trim *under* fences and closer to walls or tombstones than any other machine now made, and will not scrape or smudge the object against which it is cutting.

4 blades, \$7.50.

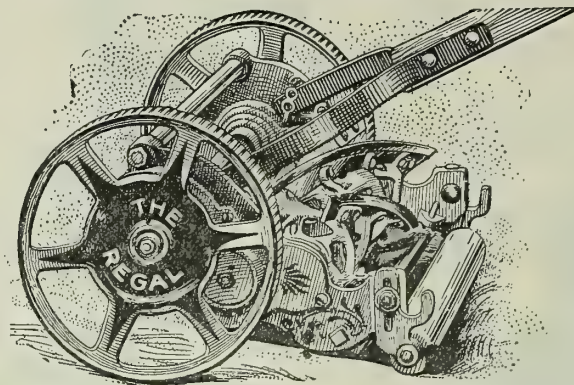


## PENNA. LAWN TRIMMER

This is an excellent machine for trimming around flower beds, shrubbery and walk edges. The revolving cutter is 6 inches wide, and cuts within 1/4 inch of side obstruction. Made of the best steel and guaranteed in every respect. Price, \$5.00.

COLDWELL LAWN TRIMMER, .....	\$5.00
CAPITOL LAWN TRIMMER, .....	\$6.00

## REGAL BALL BEARING HAND MOWER



This machine is made by the Coldwell factory and has been thoroughly tried out by us the past three years. We are glad to say that it has made good in every way.

14-in., 5-blade cyl., H.W..\$9.00	18-in., 5-blade cyl., H.W..\$11.00
16-in., " " " "10.00	20-in., " " " "12.00

We can also supply Imperial Lawn Mowers.

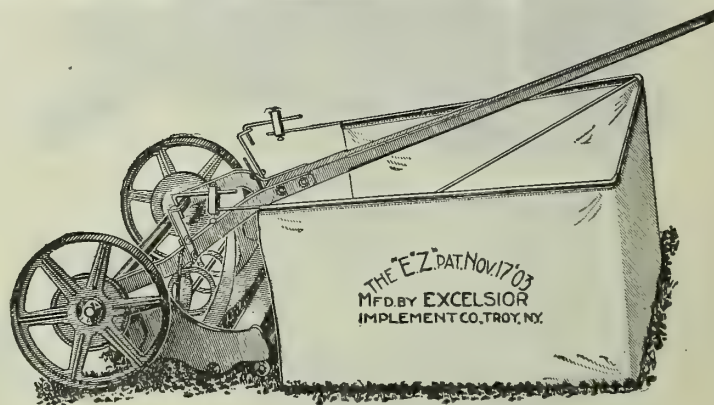
## COLDWELL'S PUTTING GREENS MOWER

Plain without grass catcher.

6-blade cylinder.	4-blade cylinder.
14-inch .....\$11.50	14-inch ..... \$9.75
16-inch ..... 12.50	16-inch ..... 10.75
18-inch ..... 14.50	18-inch ..... 12.75
20-inch ..... 16.50	20-inch ..... 14.75
Grass catchers for Putting Greens Mowers.	
14-inch .....\$2.00	18-inch .....\$2.30
16-inch ..... 2.15	20-inch ..... 2.45

## PHILADELPHIA LAWN MOWERS

High wheel, style A. All steel.	High wheel, style K.
15-inch .....\$10.50	14-inch .....\$6.50
17-inch ..... 11.50	16-inch ..... 7.00
19-inch ..... 12.50	18-inch ..... 7.50
21-inch ..... 13.50	20-inch ..... 8.00



## THE EASY GRASS CATCHER

FITS ANY MOWER (See Cut)

There always have been makes of mowers on the market that could not be properly fitted with a grass catcher. The Easy is designed to fit any size or style of mower and can be attached or detached in a moment. Made of sheet iron bottom and canvas sides. Price, 12 to 16-in. size, \$1.50 each; 19 to 21-in. size, \$1.65.

## BRAUN GRASS CATCHERS

For the Pennsylvania, Continental, Great American B. B. and New Departure Mowers.

10-inch .....\$1.50	15-inch .....\$1.90
12-inch ..... 1.60	17-inch ..... 2.00
14-inch ..... 1.80	19-inch ..... 2.10
16-inch ..... 1.90	21-inch ..... 2.25
18-inch ..... 2.00	

## GRASS CATCHERS FOR REGAL MOWERS

14-inch .....\$1.60	18-inch .....\$1.80
16-inch ..... 1.70	20-inch ..... 1.90

## MOWER SHARPENING

We are prepared to sharpen hand and horse mowers at reasonable prices.

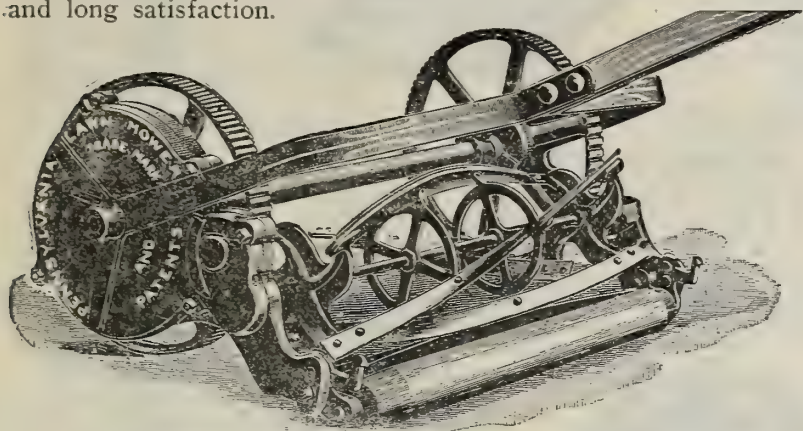


# PENNSYLVANIA

Quality

# LAWN MOWERS

All mowers shown on this page are "Pennsylvania Quality," which means crucible steel blades, self-sharpening, easy running and long satisfaction.

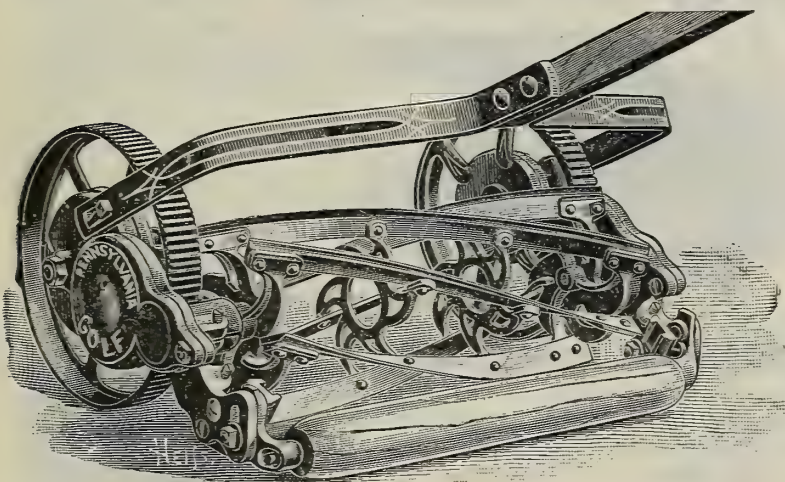


## PENNSYLVANIA LAWN MOWERS

Low wheel, 8-inch diameter.	High wheel, 10½-in. diameter.
10-inch .....\$6.50	15-inch .....\$12.00
12-inch ..... 7.50	17-inch ..... 13.50
14-inch ..... 8.50	19-inch ..... 15.00
16-inch ..... 9.50	21-inch ..... 16.50
18-inch ..... 10.50	

## PENNA. JR. BALL BEARING MOWERS

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.	16-inch .....\$10.50
12-inch .....\$8.50	18-inch ..... 11.50
14-inch ..... 9.50	
10-inch or high wheel, 5-blade cylinder, 6-inch diameter.	
15-inch .....\$13.00	19-inch .....\$16.00
17-inch ..... 14.50	21-inch ..... 17.50



## PENNSYLVANIA GOLF LAWN MOWER

Used on many of the world's famous golf courses—will cut to ⅜ of an inch.

### BALL BEARING

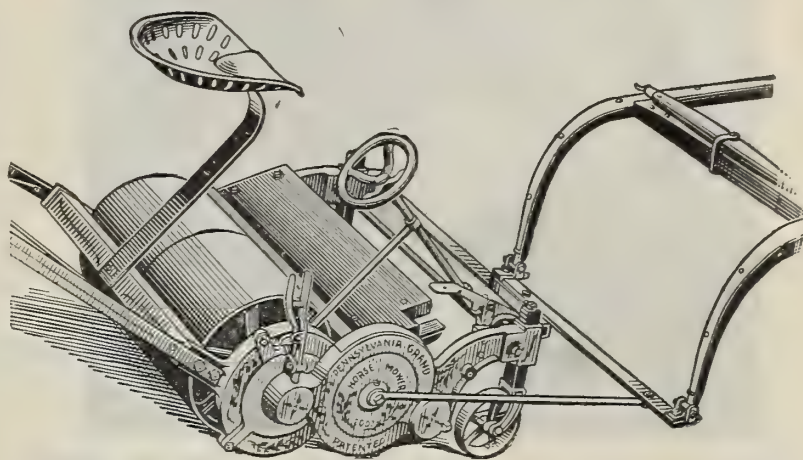
8-inch Wheel, 6 Blades.	9½-inch Wheels, 7 Blades.
14-inch .....\$14.00	17-inch .....\$20.00
16-inch ..... 16.00	19-inch ..... 22.00
18-inch ..... 18.00	21-inch ..... 24.00

### PLAIN BEARING

8-inch Wheels, 6 Blades.	9½-inch Wheels, 6 Blades.
14-inch .....\$12.00	17-inch .....\$16.50
16-inch ..... 13.50	19-inch ..... 18.00
18-inch ..... 15.00	21-inch ..... 19.50

## CONTINENTAL LAWN MOWERS

High wheel, 9½-inch diameter.	Low wheel, 7¼-inch diameter.
15-inch .....\$12.00	10-inch .....\$6.50
17-inch ..... 13.50	12-inch ..... 7.50
19-inch ..... 15.00	14-inch ..... 8.50
21-inch ..... 16.50	16-inch ..... 9.50
	18-inch ..... 10.50



## PENNSYLVANIA GRAND HORSE MOWER

Extra wide blades, self-sharpening, heavy rollers, and many distinctive features to recommend it to particular people.

	4-blade cylinder	6-blade cylinder
30-inch cut, with draft iron, no seat or shafts,	\$65.00	\$73.00
38-inch cut, " " " " " "	85.00	93.00
30-inch cut, with seat and shafts, as illustrated	77.00	85.00
38-inch cut, " " " " " "	100.00	108.00

## PENNSYLVANIA HORSE LAWN MOWER

Self-Sharpening. 4 and 6 Knives.

30-inch, with draft irons only	\$60.00
30-inch, with seat and shafts and side draft attachment	72.00
38-inch, with draft irons only	78.00
38-inch, with seat and shaft and side draft attachment	90.00

Freight prepaid free on all Pennsylvania Horse Mowers shipped new from factory within a radius of 100 miles.

The above prices are for four-blade mowers; if six-blade mowers are desired, add \$8.00 to the price of each machine.

Forward Delivery Grass Box, for 30-inch mower.....\$18.50

Forward Delivery Grass Box, for 38-inch mower..... 21.50

WEED BUCKLER or high grass attachment, for 30-inch machine, \$22.00; for 38-inch machine, \$25.00.

## PENNSYLVANIA PONY LAWN MOWER

This machine is also designed for two men where a horse or pony is not available. Cuts a swath 25 inches wide. Fitted with a wooden roller in the rear.

Prices: 4-blade cylinder, \$30.00; 6-blade, \$36.00.

Grass Catcher for Pennsylvania Pony Lawn Mower, \$3.00 each.

## GREAT AMERICAN BALL BEARING MOWERS

10½-inch wheel.	5-blade cylinder.
15-inch .....\$9.50	19-inch .....\$11.50
17-inch ..... 10.50	21-inch ..... 12.50

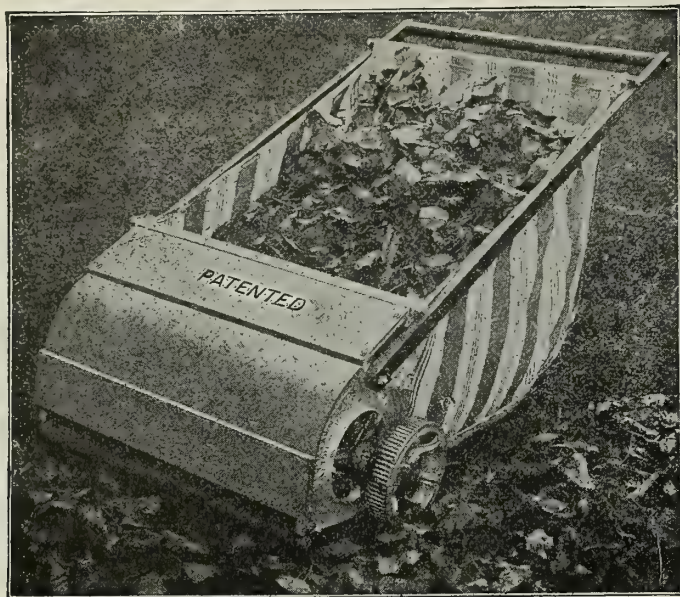
## NEW DEPARTURE LAWN MOWERS

9½-in. wheel, 4-blade cylinder.	7-inch wheel, 3-blade cylinder.
15-inch .....\$7.25	12-inch .....\$4.50
17-inch ..... 7.75	14-inch ..... 4.75
19-inch ..... 8.25	16-inch ..... 5.25

## ELECTRA LAWN MOWERS

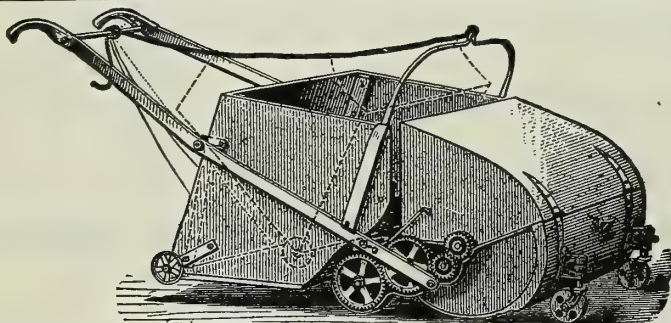
9-inch wheel, 4-blade cylinder.	8-inch wheel, 3-blade cylinder.
14-inch .....\$4.75	10-inch .....\$3.25
16-inch ..... 5.00	12-inch ..... 3.50
18-inch ..... 5.25	14-inch ..... 3.75
	16-inch ..... 4.00
	18-inch ..... 4.25





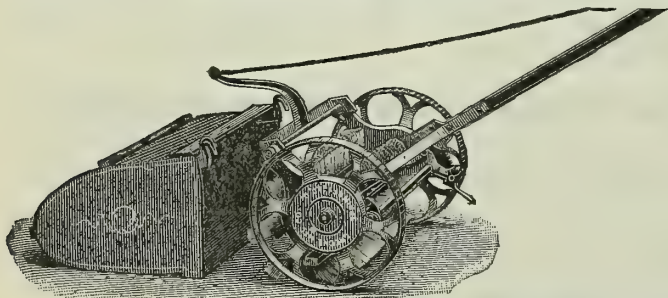
### PENNA. LAWN CLEANER AND RAKE

Cleaning area, 24 inches, Steel rake teeth, flexible teeth bars, excellent for cleaning lawns, greens, tennis courts. Price, \$16.00.



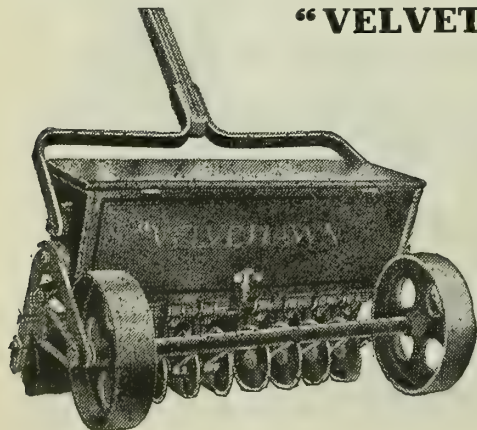
### PHILADELPHIA LAWN SWEEPER

A simple machine for cleaning the lawn. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. The box can be dumped without stopping. Sweeps 40 inches wide. Price, \$80.00.



### APOLLO LAWN CLEANERS

For sweeping lawns, paths, golf greens, tennis courts, etc. 28 inches wide, with rubber tires. Price, \$18.00.



### "VELVETLAWN" SEEDER

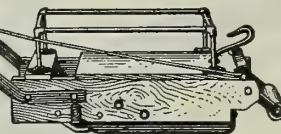
An excellent machine for properly sowing grass seed. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick growth of grass. May be used for distributing fertilizers as well.

Price, \$20.00.

### THE NEW CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day.

New Champion Sod Cutter



Price, \$23.00.

Extra Knives for Sod Cutters ..... \$4.50

### HEADQUARTERS FOR HORSE BOOTS

Nothing will save the lawn more than horse boots. In ordering it is well for your own convenience to accompany the order with a sketch of the bottom of your horse's front and hind feet. Place a piece of blank paper under the foot and draw a pencil around it. This will insure an accurate fit. The Aluminum and Steel Boots are especially recommended.



### LINK'S LAWN BOOT

Made of very heavy sole leather, waterproofed and finished black. The sole is substantially reinforced with steel rivets, which make the boot last twice as long as it ordinarily would.

No. 2—5½ inches inside.

No. 4—6½ " "

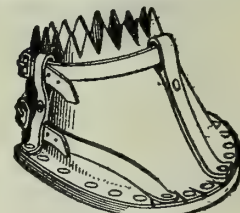
No. 6—7 " "

Price, per set of four, \$9.00.

### HAVERFORD BOOT

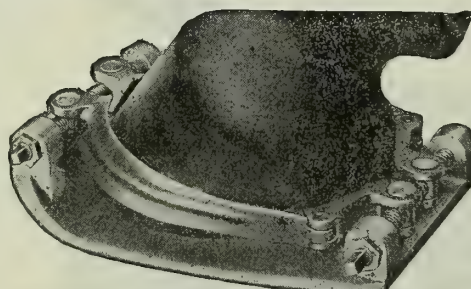
These are perfectly flat on the bottom and are made of best oak leather with copper rivets, in two sizes, medium and large.

Price, per set of four, \$9.00



Haverford Boot

### PHILLIPS' STEEL HORSE BOOT



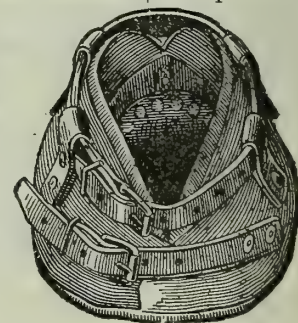
These are adjusted by means of a clamp band around the foot. They are indestructible in every way. Made in four sizes. \$6.00 per set.

### HANSELL HORSE BOOT

Made of best sole leather with a padded bottom. Especially desirable for horses who land on their toes. Finished in black leather.

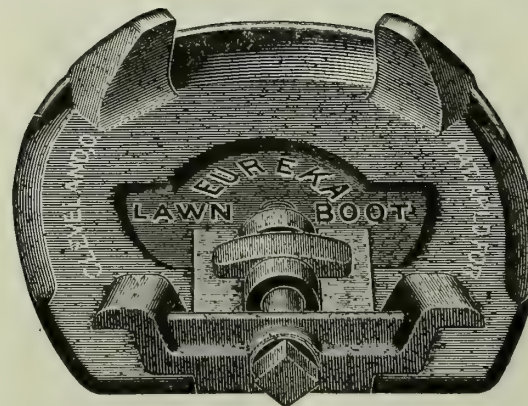
Plain, \$9.00. per set of four.

Steel Lined, 7 inches wide inside, \$10.50 per set of four.



Hansell Boot

### ALUMINUM HORSE BOOTS (Never Wear Out)



These are adjustable to fit various size hoofs; they are had in 3 sizes, as noted, and are best suited to horses who are not shod with a caulk shoe, as they can be attached to flat shoe extension better.

No. 2—5½ inches wide inside, per set of four, \$7.00.

No. 4—7 inches wide inside, per set of 4, \$10.00.

No. 3—6¼ inches wide inside, per set of 4, \$7.00.

All Prices subject to Market Changes

(he)



## LAWN MOWER OIL



Pure oil that will not gum or get sticky is an essential for the satisfactory running of every mower. The oil sold by us has been selected with this point in view.

Prices: Per pint, 20c.; 35c. per quart; per ½ gal., 60c.; \$1.00 per gal.; 5 gals., \$4.00.

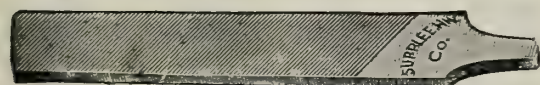
Lawn Mower Oil cannot be mailed.

## OIL CANS

No.		
144,	Zinc	.....\$0.20
13,	Bronzed steel	.35
164,	Brass	..... .40

## EMERY

For sharpening Lawn Mowers. Price, 14c. per lb. (by mail, 30c.); 10 lbs., \$1.25.



## FLAT FILES

For sharpening lawn mowers, etc.

8 inch	.....\$0.20
10 inch	..... .25
12 inch	..... .30



## SCYTHES

American, Little Giant, 32 inch	.....\$0.90
" " " 34 "	..... 1.00
" " " 36 "	..... 1.10
Little Giant Brush or Briar	..... 1.00

The Little Giant is the best American-made scythe. It is excellent for field and heavy grass work.

English, 32 in., rivet back, Lawn Style	.....\$1.25
" 34 " " " " "	..... 1.25
" 36 " " " " "	..... 1.35
" 38 " " " " "	..... 1.35
" 38 " solid " " "	..... 1.50

The English Scythes are best for fine grass or lawn work.



## SCYTHE STONES

	Each	Doz.
Talacre, Imported (English)	.....\$0.15	.....\$1.70
Darby Creek	..... .12	..... 1.25
Carborundum. Very fine quality	..... .25	..... 2.50



## SCYTHE HANDLES, Etc.

Made of hard wood, well finished.

Regular Scythe style	.....\$0.75
Bush	..... .85
Snath Clips	..... .15



## SICKLES or GRASS HOOKS

English	Little Giant
English Rivet Back, No. 3	.....\$0.60
" " " 2	..... .50
" " " 1	..... .50
" Solid " 2	..... .50
Dutch, small, " 1	..... .30
" large " 2	..... .35
Little Giant	..... .50
Village Smithy, solid steel	..... .50

The Little Giant sickle is collapsible, therefore convenient for carrying about.

## LAWN BORDER SHEARS

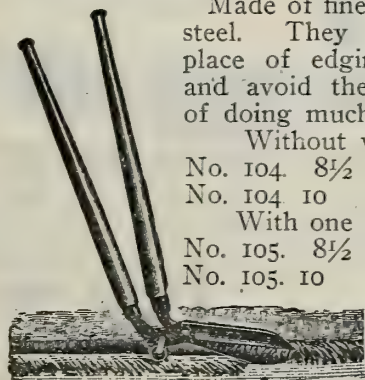
Made of finest English steel. They take the place of edging knives, and avoid the necessity of doing much stooping.

Without wheel.

No. 104 8½ in.	..\$2.00
No. 104 10 "	.. 2.50

With one wheel.

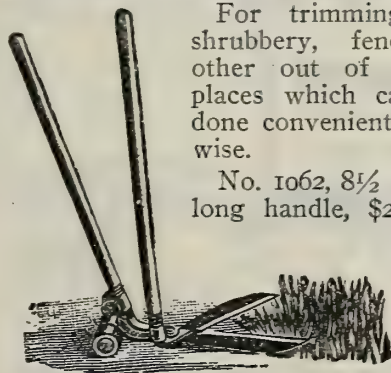
No. 105 8½ in.	..\$2.50
No. 105 10 "	.. 3.00



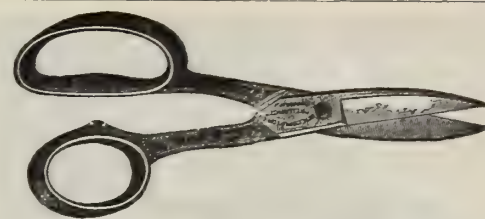
## LAWN BORDER SHEARS

For trimming under shrubbery, fences and other out of the way places which cannot be done conveniently otherwise.

No. 1062, 8½ in. blade, long handle, \$2.50.



No.		
3075.	6 inch, English	.....\$1.00
3075.	7 " "	..... 1.25
360.	6 " " "	..... .75
357.	6 " American	..... .60
119.	7½ " Saynor Pattern, in-	
	side spring	..... 1.50
119.	7½ inch, Saynor	..... 1.75
American		..... .35
"	Long Handled	..... 1.00



## WIRE AND TIN SHEARS

8 inch, used for cut flower wire etc. .\$.75  
10 inch, Berlin, used for heavy wire and tin ..... 1.10

## ENGLISH BOW SHEARS



## Bow Scissor

For cutting and trimming flower bushes and shrubbery.

No. 3790.	5 inch	.....\$1.10
No. 3790.	6 "	..... 1.20
No. 3790.	7 "	..... 1.30



## CUT FLOWER GATHERER

Cuts the stem and holds it without crushing. The heel of the blades cut thin wire. 6 inches long .....\$1.00

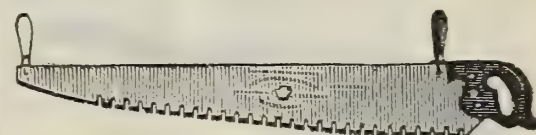
## FLOWER SCISSORS

Cuts flower and holds the stem. Nicked, \$1.00



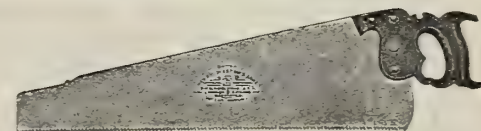
## GRAPE SCISSORS

No. 3794.	6 inch	.....\$0.80
No. 3794.	6½ "	..... .90
No. 3794.	7 "	..... 1.00
No. 3794.	8 "	..... 1.10



## CROSS CUT LOG SAWS

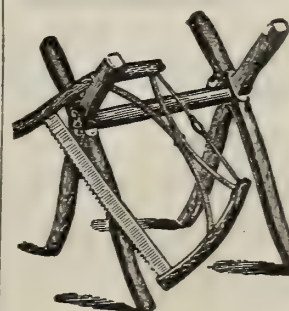
Great American style, of best steel.  
One Man, 3½ ft. blade .....\$2.00  
Two Man, 5 ft. blade ..... 2.50



## CARPENTER SAWS

When ordering state if rip or cross cut is wanted.

No. 8—26 inch blade	.....\$1.85
No. 8—28 inch blade	..... 2.00



## BUCK SAW

Each .....\$.85

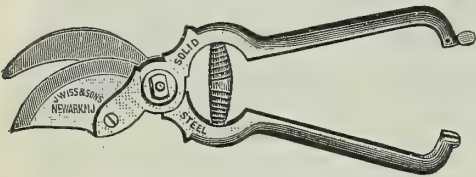
## SAW-HORSE or WOOD BUCK

Each .....\$.60



PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and but 03 are fully guaranteed in every particular.



No.	Wiss Pruning Shears	
109	Wiss, 8 in.	\$2.00
190	Henckle, 7½ in.	1.25
200	" 8½ in.	1.50
210	" 9½ in.	1.75
17	" 8½ in.	1.00

The Henckle patterns, except No. 17, are equipped with a ratchet nut which takes up all wear and allows the shear to make a perfect cut at all times.



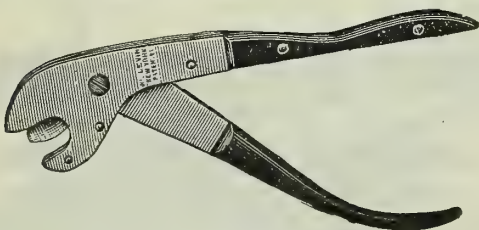
88	Hessenbruch, 8 in.	\$1.10
1537	German, 8 in.	.65
03	American, 8 in.	.40
23	Ladies' nickeled, 4½ in.	.80
23	" 5½ in.	.90
23	" 6½ in.	1.10



FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch	\$1.25
" large, 8½ inch	1.50



LEVIN PRUNER

On account of its peculiar construction, the handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 70c.

Spiral Springs for Pruning Shears. 10c. each; per doz., \$1.10.  
Spirings for French Pruning Shear. 25c.

LEATHER PRUNING GLOVES



Buckskin, pair	\$1.50
Ordinary, pair	1.25
Buckskin, with gauntlets, pair	2.00

FLY NUTS

For Hedge Shears, 25c. each.  
The Fly Nut feature of a good shear enables the wear to be taken up instantly by merely tightening the same.

TREE PRUNERS



Disston's Pole Pruner

Pruner and Saw

Disston's Little Giant. (See cut) \$1.10  
Disston's Little Giant. With saw attachment. (See cut) 1.50



TELEGRAPH TREE PRUNER

Price, \$1.00.

HESSENBRUCH TREE PRUNER

No.	Price
5340	\$1.25
1820	2.50
1806	1.75
1805	.75



WATERS TREE PRUNERS

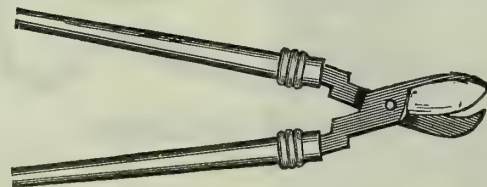
With removable cutting blade and pole complete.

4 feet	\$0.75
6 "	.85
8 "	1.00
10 "	1.15
12 "	1.25
14 "	1.50

Extra Blades for Waters Pruners, 25c. each.

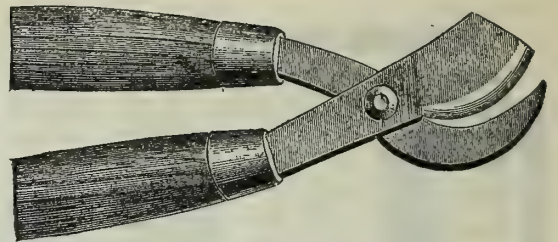
None of the above Tree Pruners except the Waters are equipped with poles or rope.

POLES for Tree Pruners.	
12 feet long, 1¼ inches diameter	\$0.45
14 " 1½ " "	.80
16 " 1½ " "	1.00



SAYNOR LOPPING SHEARS

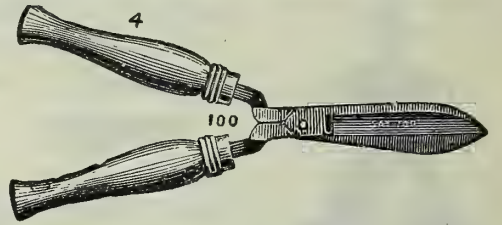
For tree and heavy hedge pruning. Made of the finest English steel, \$3.50 each.



LOPPING SHEARS

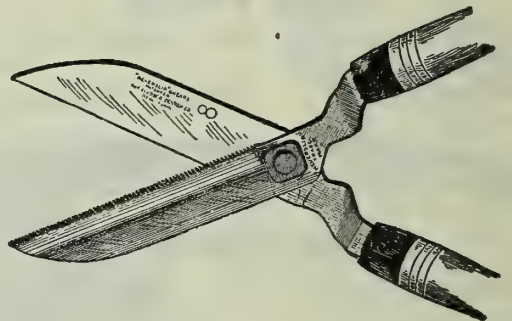
These are used in trimming trees and for cutting heavy hedge that the regular hedge shear will not cut.

Rockdale Style. See cut .....\$1.00  
Clipper Style. Equipped with a lever blade and made of the finest American steel ..... 2.00



ENGLISH HEDGE SHEARS

No.	Each
IOI 8 inch, plain	\$1.50
IOI 9 " "	1.75
IOI 10 " "	2.00
IOI 8 " fly nut	2.00
IOI 9 " "	2.25
IOI 10 " "	2.50



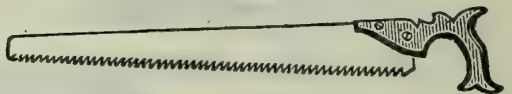
HEDGE SHEARS

Neverslip Style

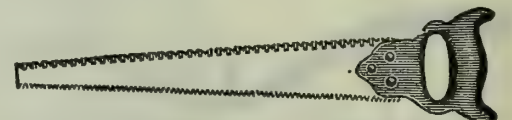
As may be seen by the illustration these shears have a saw edge on one blade which prevents them from slipping when cutting, made of the best quality English steel.

8 inch	\$1.80
9 " "	2.25
10 " "	2.50

PRUNING SAWS



16 inch, single edge	\$0.70
18 " " "	.80
20 " " "	1.00
22 " " "	1.25



18 inch Duplex (double edge)	\$0.85
20 " " "	1.15
14 " California Curved Pattern	.65
16 " " "	.75





### HALF MOON HOES

Best steel, solid sockets, which will not pull out.

3-inch	.....	\$0.35
4 "	.....	.40
5 "	.....	.45
6 "	.....	.50
7 "	.....	.55
8 "	.....	.60

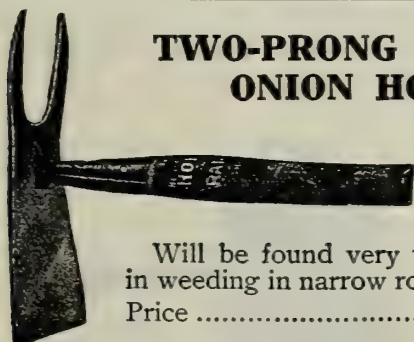


### SQUARE HOES

6-inch, solid shank	.....	\$0.45
7 " " "	.....	.50
8 " " "	.....	.55

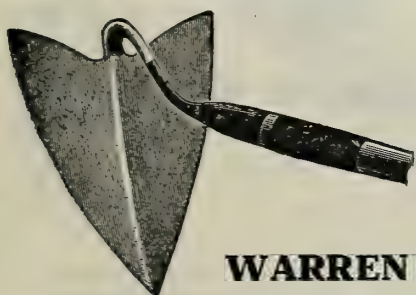
### SQUARE CELERY HOES

10-inch	.....	\$0.80
14-inch	.....	\$1.25



### TWO-PRONG ONION HOE

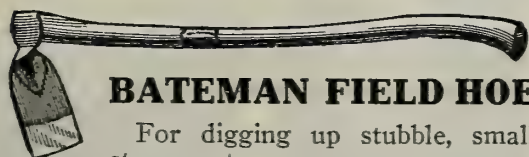
Will be found very valuable in weeding in narrow rows.  
Price .....\$0.45



### WARREN HOES

Excellent tools for making drills preparatory to sowing of seed. The back can be used for covering.

Small	.....	\$0.65
Large	.....	\$0.75



### BATEMAN FIELD HOE

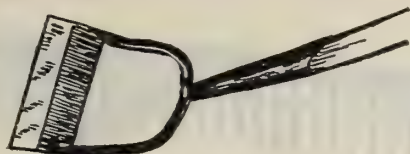
For digging up stubble, small stumps, etc.

5½-inch blade, each	.....	\$1.00
6½ " " "	.....	1.15
8 " " "	.....	1.30



### TOMATO TRANSPLANTING HOE

Avoids kneeling when planting.  
Made of best steel. Price, 50c



### SCUFFLE HOES

Made of best English steel.

4-inch	.....	\$0.50
5-inch	.....	.55
6-inch	.....	.65
7-inch	.....	\$0.70
8-inch	.....	.75
10-inch	.....	1.00



### THE HILTON HOE

This is the best garden hoe for weeding ever offered. It works both ways and there is no lost motion, does very quick work. 9 inch blade.

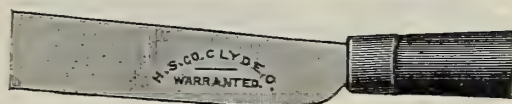
Price .....80c.



### BRUSH OR BRIAR HOOK

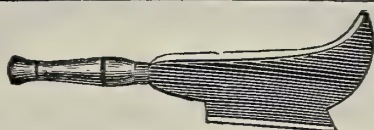
Steel cutting blade, long handle.

Price .....\$0.60



### STEEL HEDGE KNIVES

For cutting heavy brush, shrubbery, hedge, etc. Made of the finest steel with a slight hook on blade. Each \$1.00.



### ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc.

Short handle	.....	\$1.25
Long handle	.....	2.00



### GRAFTING TOOL

Best English steel for grafting trees, etc.

With Wood Handle .....\$0.75

With Steel Handle ..... .60



### GRAFTING WAX

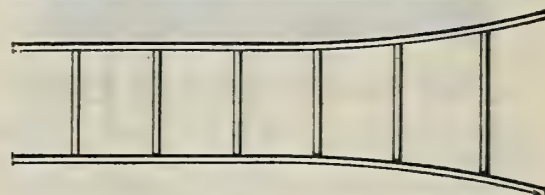
¼ lb., 10c.; 15c. ½ lb.; 1 lb., 25c.; \$1.10 per 5 lbs.

**Our Garden Tool Department** we believe to be the most fully equipped of any seed store in the United States. Most every tool of real merit for garden work will be found here, and of the best quality.



### HORTICULTURAL KNIVES

No.			
400.	Saynor Budding, 1 blade	.....	\$1.50
401.	" " 1 "	.....	1.50
343.	" " 2 "	.....	1.75
778B.	German " 1 "	.....	.75
916.	English " 1 "	.....	1.50
01859.	American Budding and Pruning, 2 blades	.....	1.25
04993.	American Budding and Pruning, 2 blades	.....	1.00
2852½.	American Budding, 1 blade	.....	1.15
924.	English Pruner, 1 blade	.....	1.15
1751.	American Pruner, 1 blade (See old No. 2651)	.....	.60
727W.	German Budding, 2 blades	.....	1.25

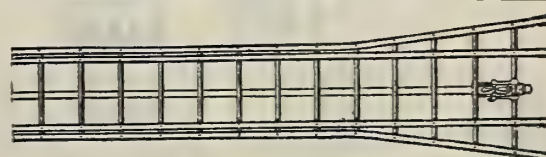


### SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft.	.....	\$2.00
12 ft.	.....	2.40
14 ft.	.....	2.80
16 ft.	.....	\$3.20
18 ft.	.....	3.60
20 ft.	.....	4.00

Larger sizes at 25c. per foot.



### FOX EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys.

16 ft.	.....	\$5.60
18 ft.	.....	6.30
20 ft.	.....	7.00
22 ft.	.....	7.70
24 ft.	.....	8.40
26 ft.	.....	\$9.10
28 ft.	.....	9.80
30 ft.	.....	10.50
32 ft.	.....	11.20
34 ft.	.....	11.90

36 to 44 ft. size at 35c. per foot. Longer sizes at 40c. per foot.

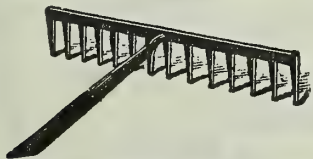




### STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

5 tooth .....	\$0.35	12 tooth .....	\$0.55
6 " .....	.45	14 " .....	.60
8 " .....	.45	16 " .....	.65
10 " .....	.50		



### STEEL GRAVEL RAKES

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

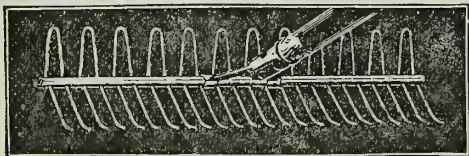
12 tooth .....	\$0.55	16 tooth .....	\$0.65
14 " .....	.60	18 " .....	.70
20 tooth .....	\$0.80		



### STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

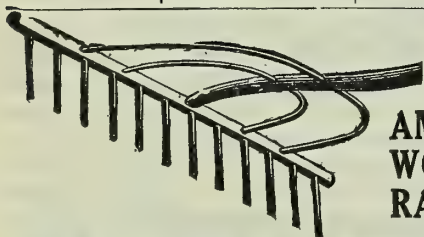
11 tooth .....	\$0.60	13 tooth .....	\$0.65
15 tooth .....	\$0.70		



### GIBBS OR LAWN QUEEN RAKE

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth .....	\$0.50	36 tooth .....	\$0.75
42 tooth .....	\$1.00		



### AMES WOODEN RAKES

14 tooth with wood bows.	For hay, etc.	\$0.55
24 " " " "	" lawns	.70
24 " " steel " "	" " "	.80



### WOODEN HAY AND LAWN RAKES

Made of best material, braced with wire rods.

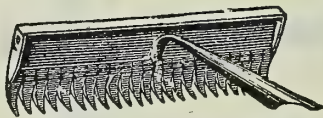
14 tooth, oak, all wood.....	Each, \$0.50
14 " hay, wire braced....	.30
20 " field, wire braced....	.35



### OLE OLSEN LAWN RAKES

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

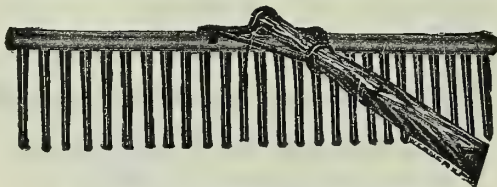
26 tooth, hickory wood. Price, 50c.



### DAISY RAKE

For removing dandelion and other obnoxious growth from lawns and fields. Made of finest English steel.

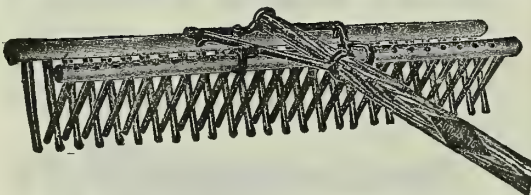
16 tooth ....\$3.00 | 20 tooth ....\$3.50



### LAWN KING RAKES

Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

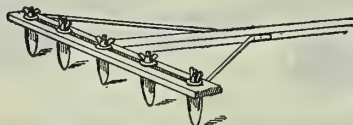
22 tooth ....	\$0.40	38 tooth ....	\$0.75
26 tooth ....	.50	50 tooth ....	1.00



### AUTOMATIC LAWN RAKE

This rake is fitted with an unloading head. While raking this head lies forward, and upon pressing the rake forward the unloading head moves backward cleaning out the raking head entirely.

22 tooth ....	\$0.60	38 tooth ....	\$1.00
26 tooth ....	.70	50 tooth ....	1.50



### MARKING RAKES

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4½ ft. Price, \$5.50. (Extra teeth, 50c each.)

### HOE AND RAKE (COMBINED)

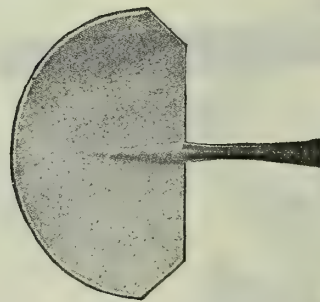
An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

4-prong .....	\$0.50
6 " .....	.60



### LAWN SHOVEL AND EDGER

The most perfect tool for cleaning out and edging up the sides of cement walks. This is the only tool of its kind found so far to be practical. It is made of the best steel, is very sharp and can be resharpened readily when dull. Price, \$1.00 each.

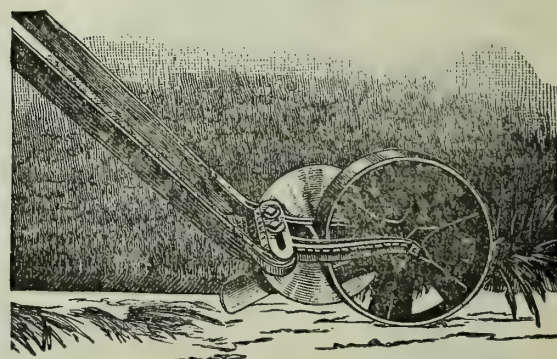


### EDGING KNIVES

For trimming edges of paths, drives, flower beds and borders.

American .....	\$0.60
English, 8 inch .....	1.50
English, 9 inch .....	1.75
McNiece make, 8 inch .....	1.00
McNiece make, 9 inch .....	1.10

The above prices include handles.



### PLANET JR. GRASS EDGER

The Planet Jr. Grass Edger will edge either straight or curved work, paths, drives, open borders or flower beds, doing the work well and rapidly. Price, \$6.00.





### SPADING FORKS

Strapped shanks, short or D-wood handle.  
Made of best quality steel.

Men's, 4 tine	.....\$1.00
" 5 "	..... 1.15
Boys' or Ladies', 4 tine	..... .60



### MANURE FORKS

Strapped shanks, short or D-wood handle.  
4 tine, light, 85c.; 4 tine, heavy, \$1.35;  
5 tine, medium, \$1.25; 6 tine, medium,  
\$1.33. Strapped shanks, long handle, 4 tine,  
90c.; 5 tine, \$1.10.



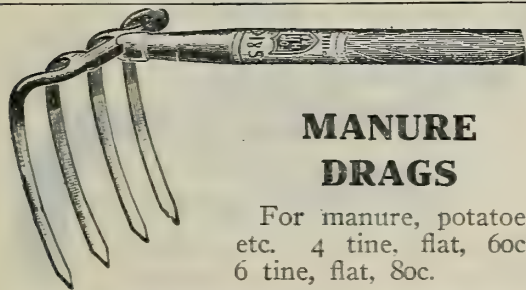
### STEEL HAY FORKS

Equipped with strapped shanks.

	2 Tine	3 Tine
5-ft. handles	.....\$0.80	\$0.90
6 " "	..... .90	1.00
7 " "	..... 1.00	1.10

### HICKORY STABLE FORKS

Excellent to use for tossing straw or  
litter in stables. No danger of injuring  
animals by sticking. Prices: 3 tine, long  
handles, 85c.; 4 tine, long handles, \$1.00.



### MANURE DRAGS

For manure, potatoes,  
etc. 4 tine, flat, 60c.;  
6 tine, flat, 80c.



### IMPLEMENT HANDLES

	Each
Axe	.....\$0.20
Spade, plain	..... .35
Fork Spading, plain	..... .35
" Manure " short	..... .35
" " " long	..... .25
" Hay " "	..... .20
" Boys' " "	..... .25
Shovel, short	..... .35
" long	..... .25
Spade, short	..... .35
" long	..... .25
Hoe	..... .10
Rake, Garden	..... .10
" Lawn	..... .10
Pick or Mattock	..... .25
12 foot Poles	..... .45
14 " "	..... .80
16 " "	..... 1.00



### SHOVELS

We handle only the very best makes  
of steel shovels. Every one is guaran-  
teed to give entire satisfaction.

#### Short Handle

Ames, round point	.....\$1.25
" square point	..... 1.25
Maynard, solid socket, square point	..... 1.40
" " round	..... 1.40
Imperial, round point	..... 1.00
" square point	..... .90



#### SHOVELS Long Handle

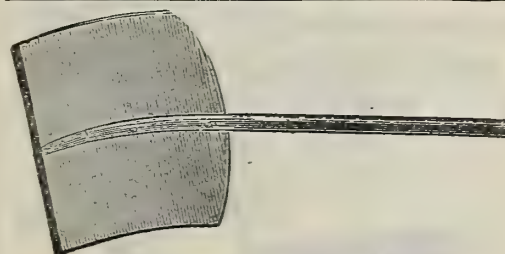
Ames, round point	.....\$1.25
Imperial, round point	..... 1.00
" square point	..... 1.00
Cotton Belt, round point	..... 1.10
Maynard	..... 1.40



### STEEL SCOOP SHOVELS

All equipped with strapped shanks,  
wood D or short handles.

No. 2, 10 inch mouth	.....\$0.90
" 3, 11 " "	..... 1.00
" 4, 11 1/2 " "	..... 1.10
" 5, 12 " "	..... 1.15
" 6, 13 " "	..... 1.20



### SNOW SHOVELS

Adams, wood (see cut), wood-D handles	.....\$0.60
Phillips, wood, long handle	..... .50



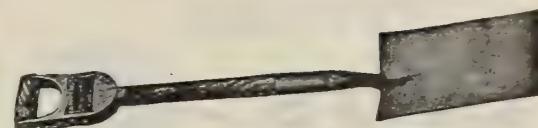
### POTATO SCOOP

Wire, made of heavy steel wire  
very substantial .....\$1.75



### STEEL CLAW HAMMERS

Price, 60c. each.



Maynard Spade—One Piece Socket  
and Spade

### STEEL SPADES

Ames	.....\$1.25
Maynard	..... 1.40
Imperial	..... 1.10
Long Handle	..... 1.00
Nursery	..... 1.75
Drain	..... 1.35
Boys'	..... .85



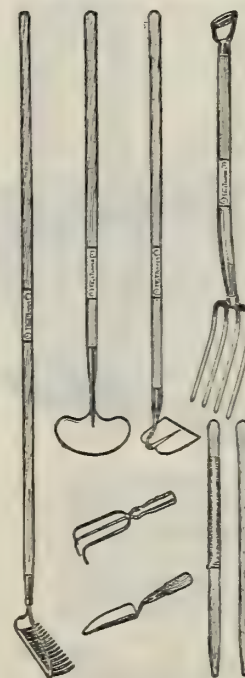
Drain Spade



### GARDEN SETS

For ladies and children, in fact they are  
suitable for the country gentleman, con-  
sisting of 1 hoe, 1 rake and 1 spade. Whit-  
tington & Cooley make, of very best steel,  
per set, \$1.00. Small size, 50c per set.

No. 275. English Turf Iron. For lift-  
ing sod, \$3.50.



### TRUE TEMPER OUTFIT of GARDEN TOOLS

The following tools,  
packed carefully in one  
bundle, comprise the True  
Temper Outfit.

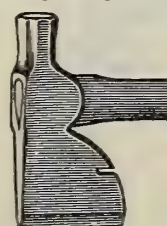
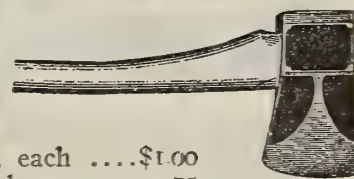
- 1 Self-Sharpening Hoe
- 1 Solid Bow Steel Rake
- 1 Four Tine Spading Fork
- 1 Steel Hand Weeder
- 1 Solid Steel Trowel
- 1 Steel Blade Turf Edger
- 1 45-ft. Garden Line

The tools are all of the  
highest grade, fully war-  
ranted, and bear the True  
Temper Trade Mark of the  
American Fork & Hoe Co.

PRICE OF OUTFIT  
COMPLETE \$3.00

### BEST QUALITY AXES

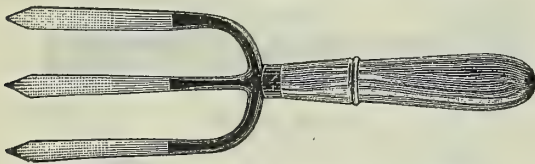
Kelly, medium, each	....\$1.00
Kelly, boy's each	..... .75



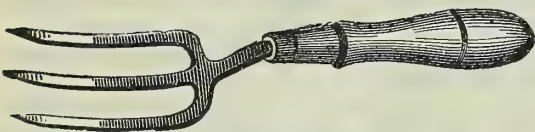
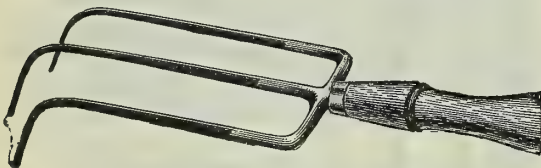
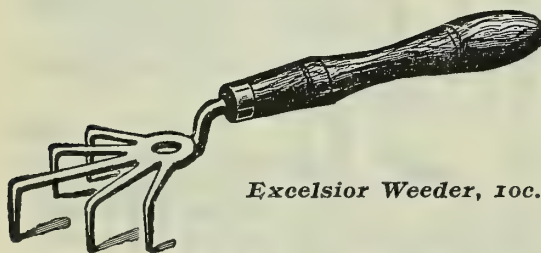
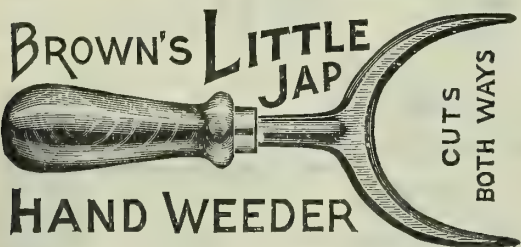
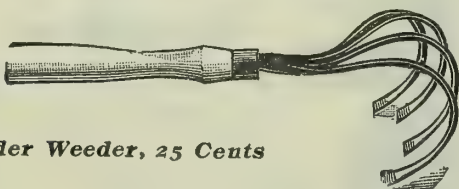
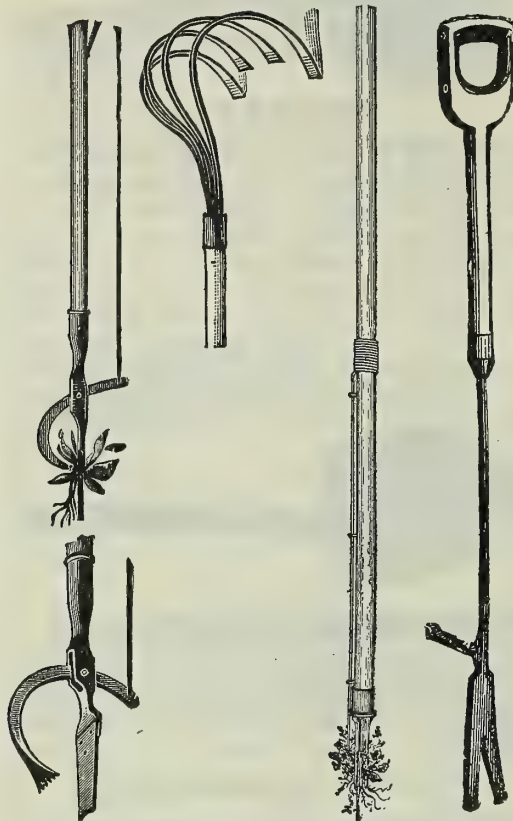
### HATCHETS

Blue Jeans, medium	...\$0.65
F. R. Plumb, heavy	... .70

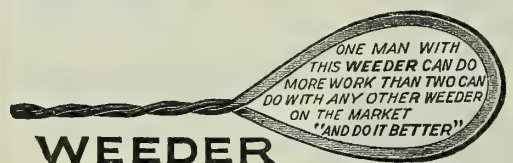


**WEEDERS****LANG'S  
HAND  
WEEDER****HANDIEST  
TOOL  
ON EARTH.***Lang's Hand Weeder, 25 Cents**Eureka Weeding Fork, 25 Cents***ENGLISH WEEDING FORK**

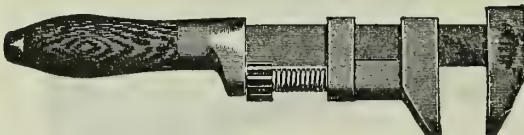
Very similar to the Eureka, except that it is heavier and of better quality. If you want a weeding fork that will last a lifetime, buy this one. Price, 85c.

*Excelsior Weeding Fork, 10 Cents**Eureka Weeder, 25 Cents**Excelsior Weeder, 10c.**Little Jap Weeder, 25 Cents**Yoder Weeder, 25 Cents***WEEDERS, ETC.****No. 1      No. 2      No. 3      No. 4**No. 1 **Cleveland Weed Puller** ...\$0.60No. 2 **Yoder Long Handled****Weeder** ..... .75No. 3 **Champion Weed Puller** .. .50No. 4 **Heavy Dock Lifter** ..... 2.00

The Cleveland and Champion weed pullers are especially valuable in extracting weeds from lawns. This work can be done very easily standing erect.

**WEEDER***Easy Weeder, 35 Cents*

It works both ways.

*Hazeltine's Hand Weeder, 25 Cents***MONKEY WRENCHES**

For machinery. Made of first quality hard steel. 8-inch, 60c.; 10-inch steel, 75c.

**SCREW DRIVERS**

No. 23—Champion, 4 inch blade..\$0.25

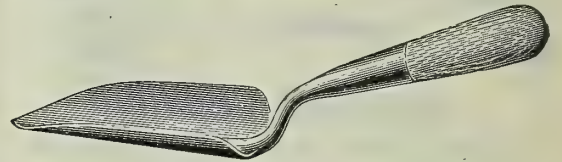
No. 23—Champion, 6 inch blade.. .35

No. 23—Champion, 8 inch blade.. .45

**JOHNSON'S BEST, No. 211  
STEEL TROWELS**

These are made of one piece steel blade and shank, equal to the imported trowels.

5 inch .....	\$0.40	7 inch .....	\$0.60
6 inch .....	.50	8 inch .....	.70

**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 60c. each.

**CLEVES' ANGLE TROWEL**

For getting dandelion, plantain and other weeds out of the lawn, etc.

5 in. ...\$0.15 | 7 in. ...\$0.20 | 8 in. ...\$0.25

**MISCELLANEOUS TROWELS**

No. 213—5 in., Thin Steel, each .....\$0.10

No. 213—6 in., Thin Steel, each ..... .12

No. 213—6 in., Heavy Steel (Never-break) ..... .15

**TRANSPLANTING  
TROWEL**

Solid steel shank and blade.  
Price ..... \$0.40

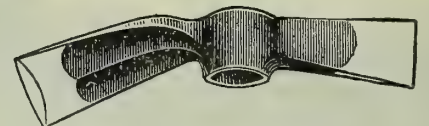
**DIBBLES**

For transplanting.

Brass, wooden handle .....\$0.60  
Iron " " ..... .40

**PICKS**

All steel. Double point, 80c.; axe point, 90c. Price includes handle.

**MATTOCKS**

Axe pointed (see cut) .....\$1.00

Pick Pointed ..... 1.00

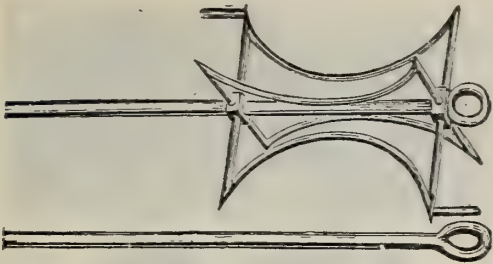
Half Mattocks or Grub Hoes ..... .85

Price includes handle.

**ENGLISH SPUDS**

For digging and cutting of plantain and other weeds. Made of finest steel. Price, 50c.





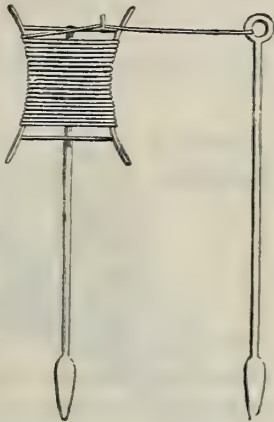
Double Garden Reel

### GARDEN REELS

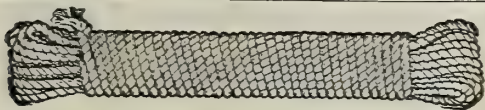
Small, Single ..\$0.50  
Medium, Single .75  
Large, Single .. 1.35  
Large, Double . 2.00

### GARDEN LINE

Best Italian hemp.  
60 ft. ....\$0.40  
90 " ..... .60  
120 " ..... .85  
300 " ..... 1.60  
100 " braided .. .75



Single Garden Reel



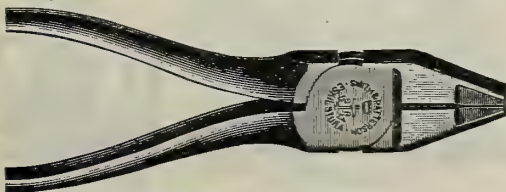
Garden Line



### LIQUID MANURE DISTRIBUTER

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass.

Price, \$1.75 each. (By mail postpaid, \$1.90.)

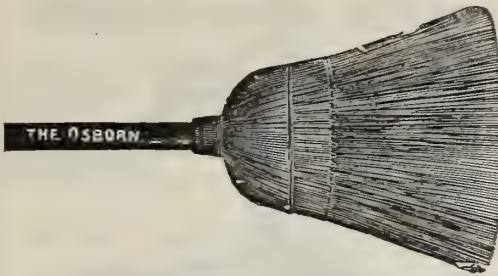
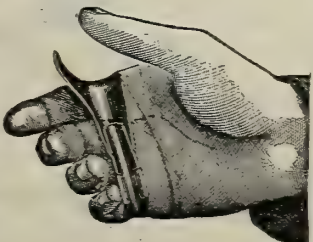


### STEEL PLIERS

Side Cutting (see cut). 6 inch, 80c.; 7 inch, \$1.00.  
Button Pliers. 7 inch, 60c.

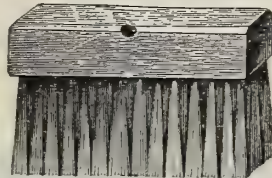
### HUSKING PINS

Made entirely of metal and can be adjusted to fit any sized hand. 15c. each; per doz., \$1.60.



### BROOMS

	Each	Per Doz.
Japanese Fibre (see cut) ..	\$0.60	
Corn and Rattan, mixed ..	.60	
Golf Greens (birch) .....	.30	\$3 00
Plain Corn, extra quality ..	.45	



Rattan Broom

### ROAD BRUSHES

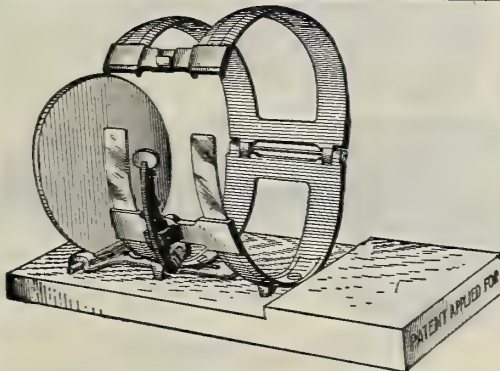
Rattan Push, 14 in. (see cut) .....\$0.75  
" Sweeping ..... .60  
Bass or Cocoa Push, 14 in. .... .75

### TREE OR BARK BRUSHES

For brushing down trees, for removing insects, borers, etc., made of steel.  
Price, 8½-inch, 30c.

### WHITEWASH BRUSH

Very best quality Clinton make. 7 in., each \$1.35.



### ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform.

Price, with Knife Guard, \$2.00.



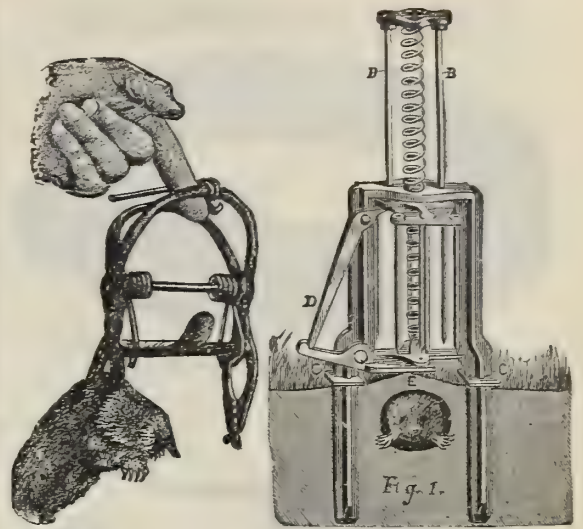
### ASPARAGUS KNIVES

Bateman's (see cut) .....\$0.30  
American. V-shaped blade ..... .45



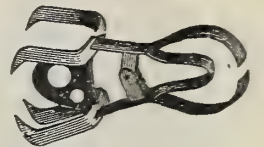
### CORN KNIFE

Eureka, bent blade .....\$0.45



Out-O-Sight

Olmsted



English

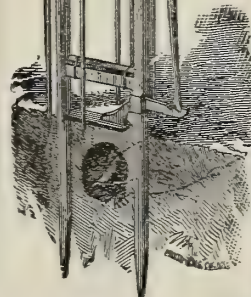
### MOLE TRAPS

	Each
English, for hot beds ...	\$0.35
Olmsted .....	1.50
Out-O-Sight .....	1.00
Reddick .....	1.00

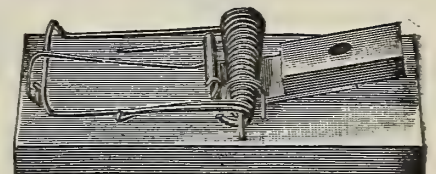
Complete Booklet on the Habits of the Mole mailed *free*, or included with each Mole Trap if asked for at time of ordering.

### HOW TO CATCH MOLES

Always press down the mound when setting the trap so that the lever which sets off the trap is level with the ground. Set the trap in the evening as moles usually stir about very early in the morning.



Reddick

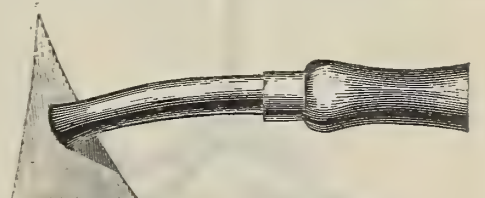


Out-O-Sight Rat Trap

### OUT-O-SIGHT TRAPS

The most satisfactory rat and mouse trap. Set off at the least vibration. Each Doz.

Mouse .....	\$0.10	\$1.00
Rat .....	.25	2.50



### TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, short handled, 60c.; long handled, \$1.00.

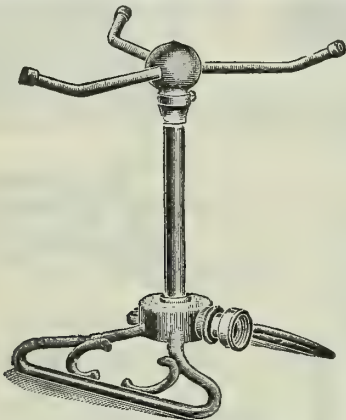


LAWN SPRINKLERS



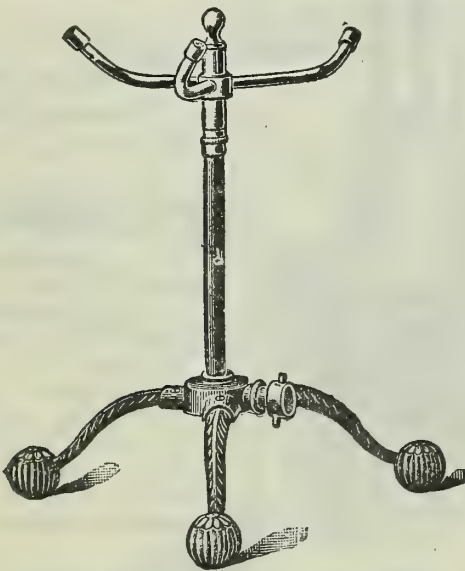
Ring or Fountain Sprinkler

All brass .....each, 75c.



Pluvius Sprinkler

11 inches high .....\$1.25



Aetna Sprinkler

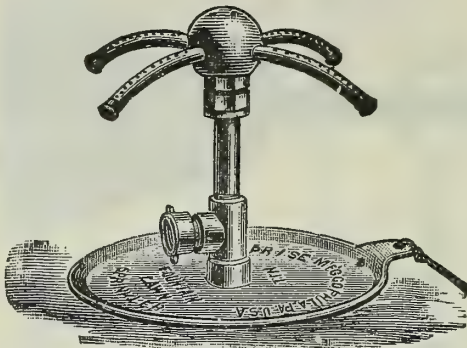
24 inches high .....\$1.75



Peck Sprinkler

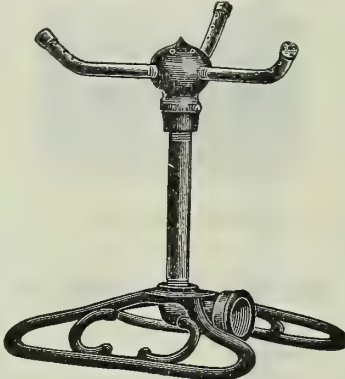
4-arm, 40 inches high .....\$3.25  
8 " 40 " " ..... 3.75

LAWN SPRINKLERS



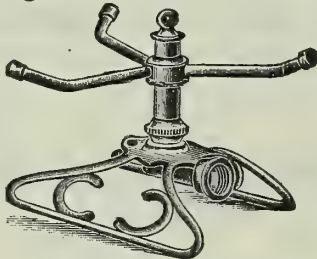
Enterprise Sprinkler

No. 1 (see cut), 8 in. high .....\$3.75  
No. 2 8 in. high ..... 3.00



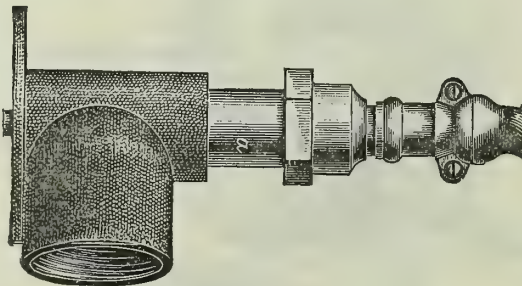
Mayflower Sprinkler

9½ in. high .....\$1.00



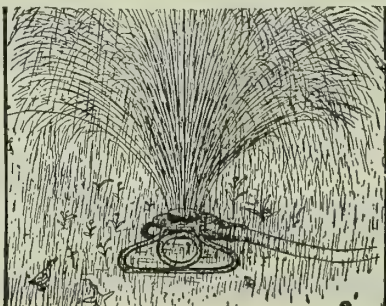
Preston Sprinkler

5½ in. high .....\$1.25



Waterwitch Sprinkler

This make is equipped with a pin for sticking into the ground. 8¾ in. ..\$0.50



The Victor Sprinkler

3½ inches high .....\$0.75

RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$1.75.



RUBBER HOSE

Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

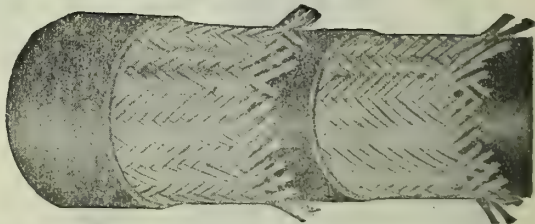
	25 ft. section	50 ft. section	100 ft. lots
Standard, ¾-in., 3-ply..	\$3.25	\$6.25	\$12.00
Reliable, ¾-in., 3-ply..	3.75	7.25	14.00
" 1-in., 3-ply ..	4.75	9.25	18.00
" ¾-in., 4-ply .	4.75	8.75	17.00
" 1-in., 4-ply ..	6.50	12.50	24.50
" ½-in., 4-ply .	3.50	6.75	13.00
*Any Length .....	4.50	8.50	16.50
*Chicago Electric, ¾-in.	4.75	9.25	18.25
*Chicago Electric, ½-in.	4.50	8.50	16.50
*Revero, ¾-in. ....	4.75	9.25	18.00
*Revero, ½-in. ....	4.25	8.25	16.00
Wire Wrapped, 3-ply.	4.00	7.75	15.00

¾ in. Spray Hose, 12c. per foot.

P.S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; ¼ lb., 30c.



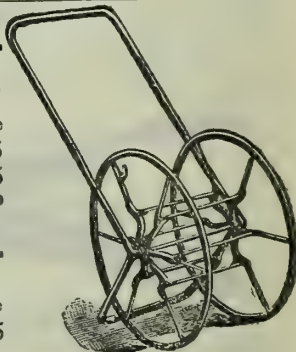
Showing the interior of Michell's "Any Length Hose"

HOSE REELS--WIRT'S (All Iron)

No.	Capacity	Price
10 . .	100 ft. . .	\$2.75
20 . .	150 ft. . .	3.25
30 . .	300 ft. . .	5.00

DUKE HOSE REEL (Wood)

Capacity	Price
75 feet hose . .	\$0.75



Wirt's Reel

NOZZLE HOLDERS

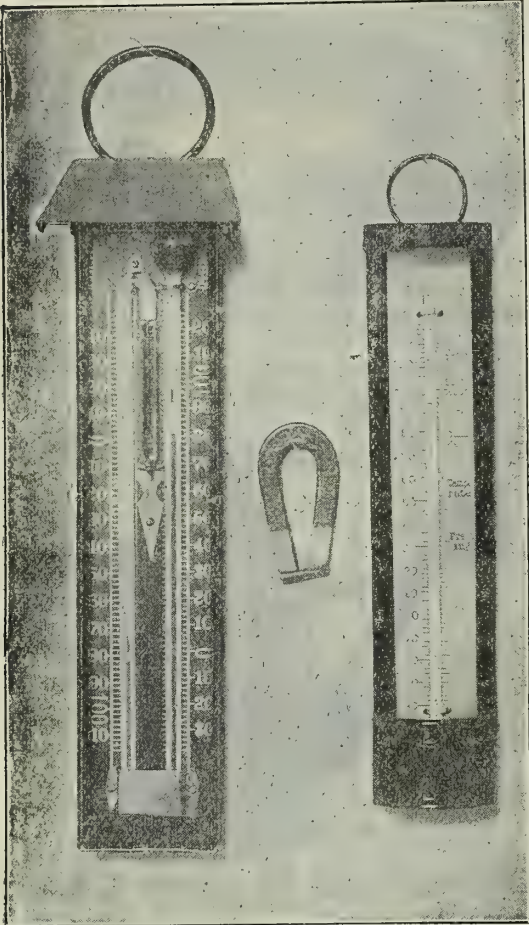
For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 15c.











**THERMOMETERS**

**FOR GREENHOUSE, CONSERVATORY, Etc.**

Maximum and Minimum, registering the coldest and the warmest point during previous evening.

8 inch, \$3.25; 10 inch, \$3.75.

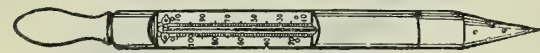
**THREE POINT TEST**

This thermometer is positively accurate and may be depended upon at all times.

	Each	Doz.
8 inch, Tin Case .....	\$0.50	\$5.50
10 " " " .....	.65	7.25
12 " " " .....	1.00	11.00
8 " Copper Case .....	.85	8.50
10 " " " .....	1.00	11.00

**STANDARD**

7 inch, Tin Case .....	\$0.15	\$1.50
8 " " " .....	.20	2.00
10 " " " .....	.25	2.50
12 " " " .....	.30	3.00



**MUSHROOM OR HOT BED THERMOMETERS**

Iron Point .....	Each, \$1.25
Brass Point .....	" 1.50

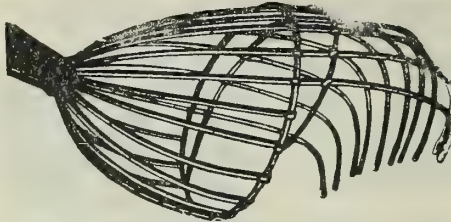


**GLASS DAIRY THERMOMETERS**

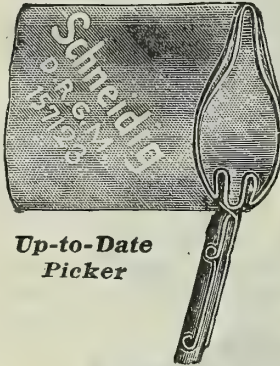
For testing milk, etc., can also be used for soil purposes. 25c. each; per doz., \$2.50.

**INCUBATOR AND BROODER THERMOMETERS**

Prairie State Incubator, plain .....	\$0.50
" " " with stand .....	.65
Inovo Egg Thermometer .....	1.35
Special for all style Incubators .....	.60
Plain Brooder .....	.25
Prairie State Brooder .....	.50



*The Boss Wire Fruit Picker*



*Up-to-Date Picker*

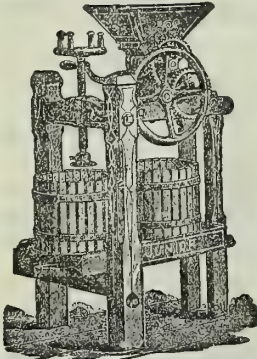
*Crider Picker*

**FRUIT PICKERS**

Boss .....	each, \$0.35
Up-to-Date .....	" .25
Crider's .....	" .50

**POLES FOR FRUIT PICKERS**

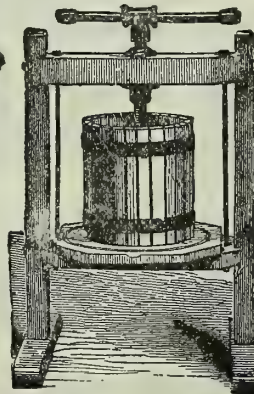
12 feet long, 1 1/4 in. diam., 45c



*Cider Mill*

**CIDER MILLS**

Junior .....	\$12.00
Medium ...	16.00
Senior ...	21.00
" For power use	25.00
Gem No. 0.	8.00
" No. 1.	10.00



*Wine Press*

**WINE PRESSES**

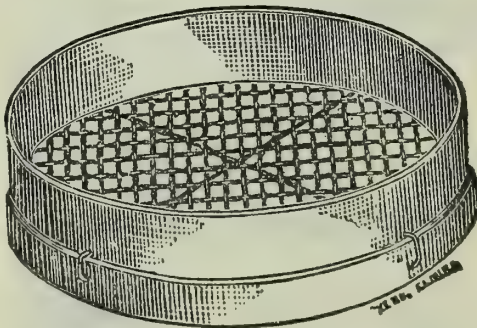
Made of best quality wood, carefully bolted and finished.

No. 1 .....	\$4.00
No. 2 .....	5.00
No. 2 1/2 .....	5.75
No. 3 .....	6.25

**GRAPE GRINDER**

Suitable for crushing berries, grapes and similar soft fruit.

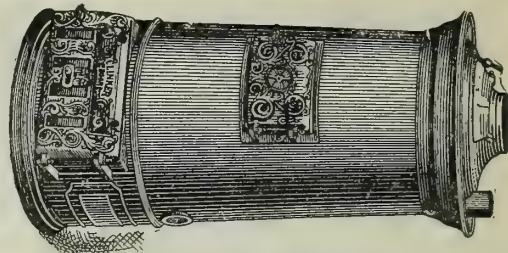
Price .....\$3.00



**SIEVES (ANY SIZE MESH)**

Made extra well, of galvanized wire and hard wood.

	Each
20 inch Foundry (extra heavy) ..	\$0.95
20 inch Regular wire .....	.85
18 inch Regular wire .....	.75
16 inch Regular wire .....	.65



**HOT WATER STOVES**

IDEAL, Jr. (See cut.)

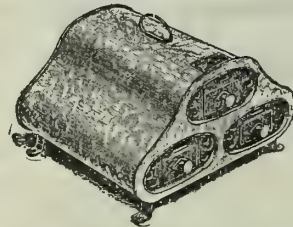
	Direct Radiation	Capacity of Tank	Price
No. 0 ..	75 sq. ft.	100 gallons	\$18.00
No. 10 ..	150 "	150 "	27.25
No. 12 ..	175 "	250 "	34.00
No. 20 ..	225 "	300 "	38.00

**CLAD'S IMPROVED**

	Capacity of in. Pipe	Radiation	Price
No. 0 ....	150 ft.	50 sq. ft.	....\$10.50
No. 1 ....	200 "	75 "	.... 13.25
No. 2 ....	400 "	150 "	.... 20.00
No. 4 ....	600 "	300 "	.... 26.00

Send for full descriptive list on hot water stoves; state which style.

**CARRIAGE AND AUTOMOBILE HEATERS**

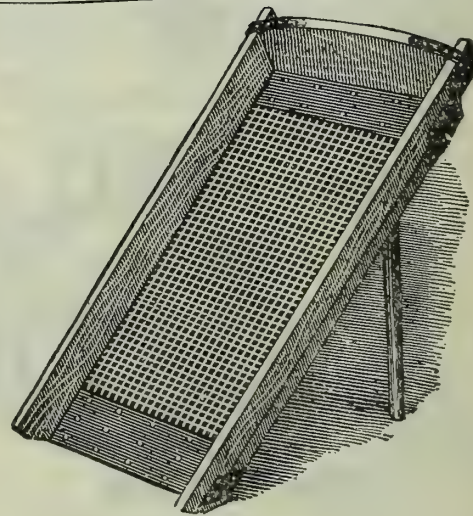


These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.		Each
5.	Single drawer, 14 in. long .....	\$2.25
5B.	" " covered with Brussels carpet .....	2.75
5C.	Single Drawer, 14 in. long, covered with Velvet carpet .....	3.00
7B.	20 in., Brussels carpet .....	4.50
7C.	20 in., with Velvet carpet .....	5.00
10.	Three drawers. (See cut.) .....	7.25

**Coal for Auto Heaters.** 75c. per doz. bricks; per 100, \$6.00.

**Tongs for Handling Hot Coals.** 25c. Illustrated circular on request.



**Large Upright Sieve** for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$7.50 each.

**SOD CRUSHER AND SOIL PULVERIZER**

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1	\$10.00
No. 2	\$15.00
No. 3	\$25.00



## PEERLESS GLAZING POINTS

Made of zinc, can be used on right or left hand side of sash bar. 3 sizes.

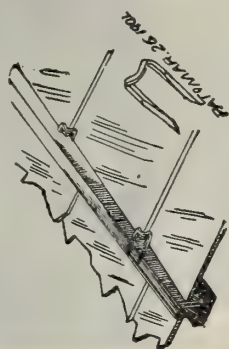
No. 1 for single thick glass.

No. 2 for single thick glass.

No. 2½ for double thick glass.

Price, 60c. per 1000 (by mail, 76c.).

**Pincers.** For driving Peerless Points. 50c. per pair.



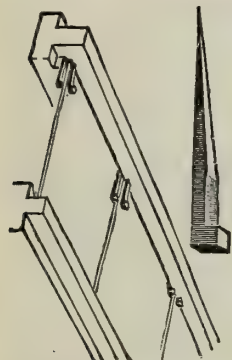
## SIEBERT'S ZINC GLAZING POINT

5/8 and 7/8 inches long. 40c. per lb.; 10 lbs., \$3.75.

There are between 1000 and 1200 points in a lb. of the above.

**MODEL GLAZING POINTS** 45c. per lb.; 10 lbs. \$4.00.

**ZINC GLAZING NAILS** 20c. per lb.; 10 lbs., \$1.85.



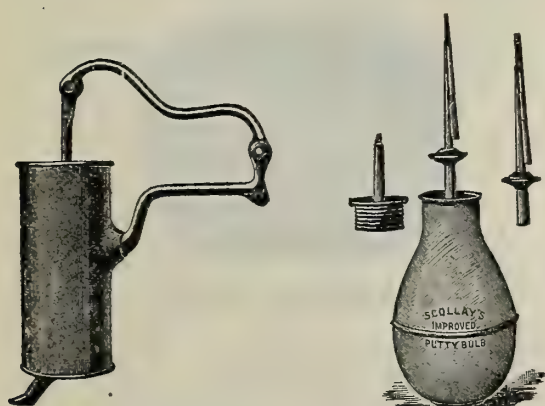
Siebert's Glazing Point



6-Wheel Glass Cutter

## GLASS CUTTERS

Single Wheel, steel, each .....\$0.15  
6-Wheel, steel, each ..... .35  
Diamond (ebony handle) ..... 3.00  
" (cocoa handle), extra large diamond ..... 4.00



Mastica Machine

Putty Distributor

## PUTTY BULBS

For distributing putty, mastica, and similar materials.

Price ..... \$1.00

## MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

½ gallon .....\$0.75  
1 " ..... 1.35  
5 " ..... 6.50

## MASTICA MACHINE

For distributing mastica, etc. Made of zinc and will last a lifetime.

Price ..... \$1.25

## PEERLESS REPAIR CLAMP



MADE OF ZINC  
TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

## GLASS CLAMPS

For supporting broken lights of glass. Per box of 100 .....\$1.10

## TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

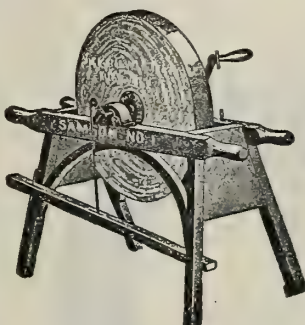
PRICES

16-lb can .....\$1.50  
50 lbs. .... 4.50  
80 lbs. .... 7.25

## HAMMOND'S GREENHOUSE WHITE

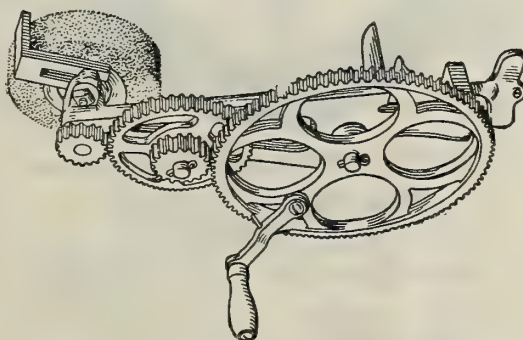
A very superior white lead paint. 1 gal., \$190

## GRINDSTONES



Cleveland Grind Stone

No. 2 Cleveland, 22 inches diam., \$4.50.  
No. 3 Cleveland, 19 inches diam., \$4.00.  
Bi-Treadle, complete with seat and pedals, \$5.50  
The above prices do not include water cups



## THE CANTON GRINDER

A handy device for sharpening small tools of all kinds. Made to clamp on a bench or table. Equipped with a carborundum wheel. Price, \$2.00.

## MANN'S CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing, suitable for fastening to a bench, box, etc. Price, \$2.00.

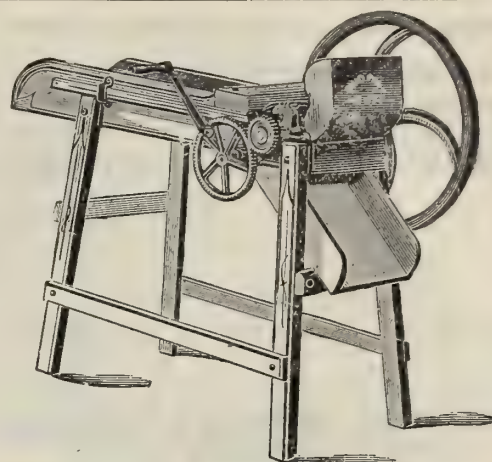
## BLACK HAWK CORN SHELLER

For shelling small quantities of corn. \$2.00 each.

## PENNSYLVANIA CORN SHELLER

(See illustration opposite.)

Will be found useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out at another. Price, \$8.00.



## OHIO HAY AND FEED CUTTER

This is considered the finest machine in the market for cutting hay, ensilage, etc. Price: Single knife machine, \$12.50; \$16.50 for double knife machine.

P.S.—The above cut represents a large three-knife machine.

**Mann's Clover Cutter.** Plain, \$8.00; on stand, \$10.00.

This is used for poultry purposes only, for cutting clover hay.

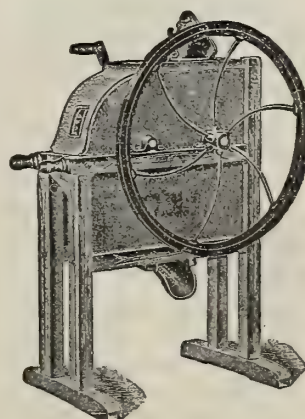


No. 7 Banner Root Cutter

## AMES ROOT CUTTER

The knives are fastened on a revolving disc, and the roots come out in long thin strips. The hopper holds about 2 bu. of material. Nicely painted dark green. Price, \$12.00.

## BANNER CUTTERS



Penna. Corn Sheller

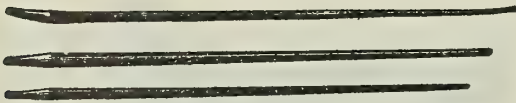
No. 7 (see cut), for poultry, sheep and lambs. Price, \$5.00.

No. 16, for cattle horses etc. Has a large capacity. Price, \$12.00

No. 20, similar to the No. 16, but smaller and suitable for cutting larger quantities. Price \$9.00

P.S.—The Nos. 16 and 20 Banner cutters are equipped with a refuse shaker, the dirt and rubbish dropping on the floor, while the roots when cut fall into a receptacle which can be placed at the mouth of the dropper.





GREEN TAPERING STAKES

	Each	Doz.	100
1½ feet tapering	\$0.02	\$0.17	\$1.00
2 " "	.03	.28	1.70
2½ " "	.04	.39	2.40
3 " "	.05	.51	3.20
3½ " "	.06	.63	4.00
4 " "	.07	.75	4.80
5 " "	.08	.88	5.60

ROSE OR DAHLIA STAKES  
ROUND TAPERING STYLE

	Each	Doz.	100
3 feet	\$0.08	\$0.75	\$4.85
3½ " "	.09	.88	5.68
4 " "	.10	1.10	6.50
5 " "	.12	1.25	8.15
6 " "	.15	1.55	9.80

GALVANIZED WIRE STAKES

No. 10 Wire, light

	Doz.	100	1000
2 feet long	\$0.12	\$0.60	\$5.00
2½ " "	.15	.75	6.25
3 " "	.18	.90	7.75
3½ " "	.22	1.10	9.00
4 " "	.25	1.25	10.50
4½ " "	.30	1.35	12.00
5 " "	.35	1.50	13.00
6 " "	.40	1.75	14.25

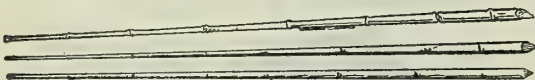
No. 8 Wire, heavy

	Doz.	100	1000
4 feet long	\$0.30	\$1.70	\$14.00
4½ " "	.35	1.85	15.00
5 " "	.40	2.00	16.00
6 " "	.45	2.25	18.00

DOWELS OR STAKES

Length	Diam.	Doz	100	1000
24 in.	¾ in.	\$0.12	\$0.70	\$5.25
36 "	1¼ "	.15	.85	6.50
36 "	1½ "	.15	.85	6.50
36 "	1⅞ "	.15	.85	6.50
36 "	3/8 "	.15	.85	6.50
36 "	5/8 "	.20	1.25	9.00
42 "	1⅞ "	.20	.95	7.50
42 "	1¼ "	.20	.95	7.50
42 "	1½ "	.20	.95	7.50
42 "	3/8 "	.20	.95	7.50
42 "	5/8 "	.25	1.35	11.00

The above are plain stakes, if wanted dyed green add 5c. per doz.; 15c. per 100; per 1000, \$1.00 to the above prices.



CANE STAKES

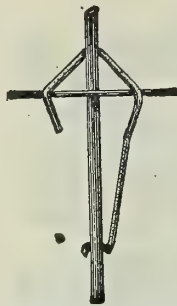
	Doz.	100	250	1000
Southern, 8 to 9 feet long	\$0.25	\$1.00	\$2.25	\$8.00
Japanese, very thin, 5 to 6 feet long	.25	1.00	2.25	8.00

JAPANESE GREEN CANE STAKES

These are treated with a coloring that is permanent, making a very attractive stake for all purposes where it is heavy enough. We have these in 3½ foot lengths only. Price, 15c. per doz.; per 100, \$1.00; \$8.25 per 1000.

HYACINTH STAKES

	Doz.	100	1000
Used for staking hyacinths, tulips and slender plants.			
12 inches long	\$0.05	\$0.25	\$1.50
18 " "	.08	.40	2.00



Corts Stake Fastener



Blake Lock Clip

STAKE FASTENERS

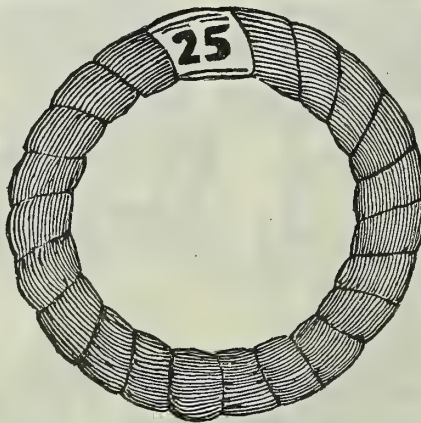
These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes.

	500	1000
Blakes. Lock Clips	\$0.85	\$1.60
Corts. Heavy	1.75	3.25
" Light	1.00	1.90

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1½ feet	\$0.02	\$0.12	\$0.85
2 " "	.02	.20	1.25
2½ " "	.03	.30	1.75
3 " "	.04	.40	3.00
3½ " "	.05	.50	3.25
4 " "	.06	.60	4.00
5 " "	.07	.75	5.50
6 " "	.10	1.00	6.50



WIRE

Price subject to change  
GALVANIZED

	lb.	12 lb. Stone
No. 16	\$0.10	\$0.85
No. 18	.11	1.00
No. 19	.12	1.10
No. 20	.13	1.15
No. 22	.14	1.30
No. 24	.15	1.50

ANNEALED

No. 16	\$0.08	\$0.70
No. 18	.09	.80
No. 20	.10	.85
No. 22	.11	.90
No. 24	.12	1.10
No. 19 Tinned	.11	.90

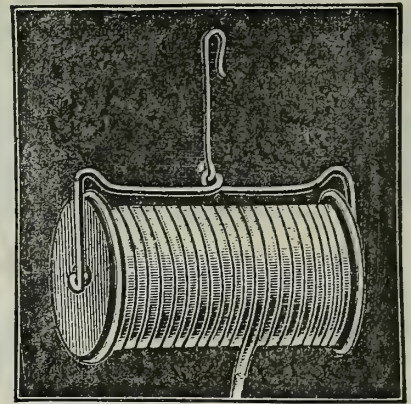
TINNED WIRE

No. 19, 11c. lb.; per 12 lb. stone, 90c.  
In 10-lb. boxes, cut 8½ inches, 15c. per lb.; per box, \$1.40.

CUT BOUQUET WIRE

For Funeral Work, Stemming Flowers, Etc.

Cut 9 or 12 inches in length.	
No. 20, 12c. per lb.; per box, 12 lbs.,	\$1.30
No. 22, 14c. per lb.; per box, 12 lbs.,	1.40
No. 24, 15c. per lb.; per box, 12 lbs.,	1.50



RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong, it is about ¼ inch wide and is put up in 250 yard spools or reels. There is no waste as the reel is fitted with a small hook which permits it to be hung from a button-hole, and it can thus be drawn off exactly as needed. Color, Nile-green.

Per reel of 250 yards, 75c.  
6 reels, \$4.25; 12 reels, \$8.00.

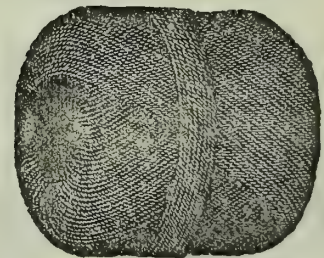


RAFFEA

For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 20c. per lb.; 5 lbs. for 90c.

Colored. In all shades. 15c. per ¼ lb.; 1 lb., 50c; \$2.25 for 5 lbs.



TWINES, ETC.

	Ball	lb.
No. 12 Light Italian Twine	\$0.20	\$0.40
No. 18 Medium Italian Twine	.20	.40
No. 24, Heavy Italian Twine	.20	.40
No. 36, Heavy Italian Twine	.20	.35
2 ply, 3 ply and 5 ply Jute	.10	.20
Linen Bouquet	.08	.45
Boston Linen, 2 and 3 ply	.20	.35
Green Sea Island	.10	.45
Special Thin White Cotton	.08	.30
2 ply Texas White Cotton	.07	.30
Tarred, for Mat Making	.20	
Tarred Sisal for Fodder		.12
Binder (5-lb. ball)	.75	
Express, very heavy	.20	

Green Silkline. For stringing Smilax and Asparagus.

Price per spool, 25c.  
Price, per lb. (8 spools) (Coarse or fine) 1.50

Green Linen (substitute for Silkline), very similar to the above, fast color. Price, 20c. per ball; 85c. per lb.





## WHEELOCK WIRE FENCING

For putting around flower beds, etc. Any length desired up to 150 running ft.

16 in.	Less than 150 ft. roll,	12c. ft.
16 in.	In Roll Lots, 150 ft.,	10c. ft.
22 in.	Less than 150 ft. roll,	14c. ft.
22 in.	In roll lots, 150 ft.,	12c. ft.

## WHEELOCK WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 150 running feet.

13 in. wide. Less than 150 ft. rolls, 12c. per ft.

13 in. wide, in roll lots, 150 ft., 10c. per ft.

19 in. wide, less than 150 ft. rolls, 14c. per ft.

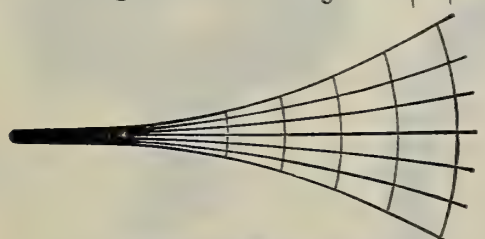
19 in. wide, in roll lots, 150 ft., 12c. per ft.



Wheelock Trellis

## WIRE TRELLIS

12 inch high	.....\$0.20
18 inch high	..... .30
24 inch high	..... .40
30 inch high	..... .65
36 inch high	..... .75
42 inch high	..... 1.10
48 inch high	..... 1.30
60 inch high	..... 1.75
72 inch high	..... 2.25



## FAN TRELLIS

Made of wood, painted green.

18 inch	.....\$0.15	36 inch	.....\$0.40
24 inch	..... .25	42 inch	..... .50
30 inch	..... .35	48 inch	..... .60



## WIRE TRELLIS (Made to Order)

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 25c. per sq. ft.



## WIRE TREE GUARD

Carefully galvanized, thoroughly made, 9 inches diameter. \$1.50 each; per doz., \$13.50.



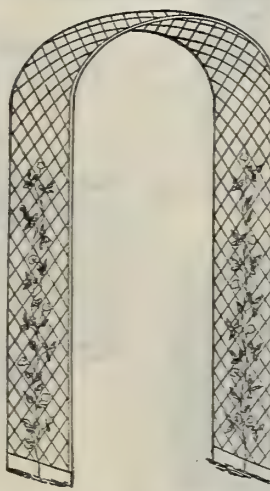
## No. 4 IRON TREE GUARD

12 in. diameter, 6 ft. high. Price, \$2.50 each; per doz., \$25.00.

## GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of extra heavy galvanized diamond mesh wire with strong frames to prevent sagging.

Price, 25c. per square foot.



## VERANDA TRELLIS

Made of wood and painted green.

2 feet	.....\$0.30	6 feet, heavy.	\$0.95
3 feet	..... .40	8 feet, heavy.	1.15
4 feet	..... .50	10 feet, heavy.	1.60
5 feet, heavy.	.75	12 feet, heavy.	1.85

Larger sizes to order.



## IVY TRELLIS

Made of wood, painted green.

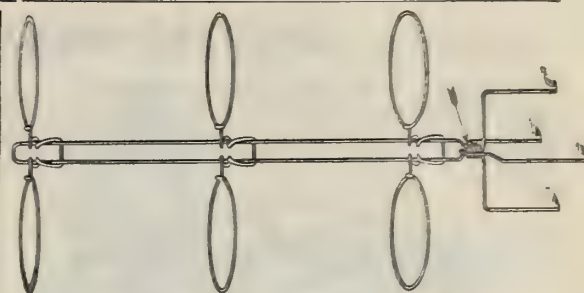
16 in. diam.,	40c.
20 in. diam.,	50c.
24 in. diam.,	65c.



## OVAL TRELLIS

Made of wood, painted green.

24 inch	.....25c.
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## Müller's Double Support

## RICHMOND CARNATION SUPPORT

This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory.

		Per Doz.	100	1000
No. II.	29 in., 3 ring			
	double (see cut)	.....\$0.65	\$4.50	\$42.50
No. II.	29 in., 3 ring			
	single	..... .50	3.50	32.00

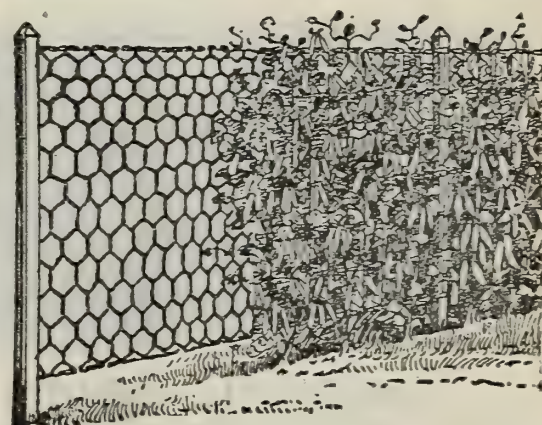
## MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$5.50 per 100; per 1000, \$44.00.

## "MODEL" CARNATION SUPPORTS

		Per Doz.	100	1000
2 Ring	.....	\$0.45	\$3.00	\$27.50
3 Ring	.....	.55	3.50	32.50



## WIRE PEA TRELLIS

This does away with brush, twine, etc., and avoids the necessity of peas lying on the ground and wasting; excellent for either garden or sweet peas. It is 48 inches high and in 10 foot sections, with 3 suitable 5½ foot stakes for fastening in the ground; can be put away and used year after year. \$1.00 per section; 10 sections for \$8.50.

## MODEL TOMATO

and

## PAEONY SUPPORT

Made of heavy galvanized wire which will not rust. Can be raised and lowered at will to suit the height of the plant.

Price, 20c. each; per doz., \$2.00; \$14.00 per 100.

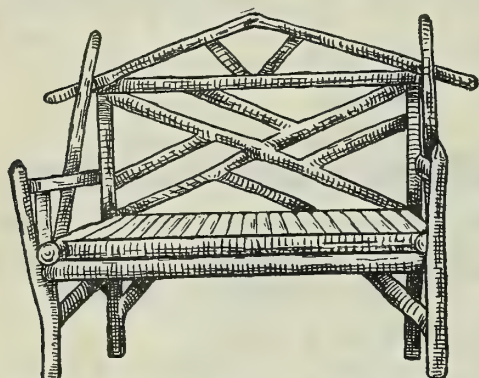


Model Tomato Support

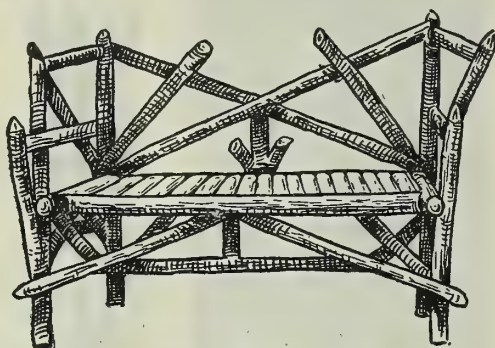


## RUSTIC PORCH AND LAWN FURNITURE, ETC.

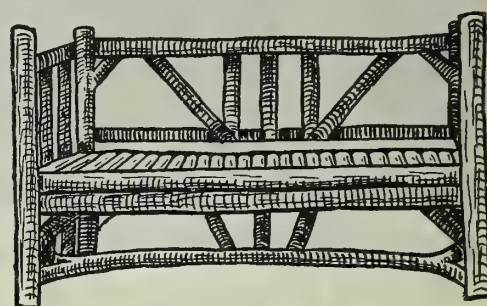
All of our Rustic Work is made by thoroughly experienced men. It is carefully finished, leaving no rough places or nails protruding. A settee or chair placed at intervals on paths will be found a great convenience. The Rustic Work we offer is finished in the natural state with the bark on it, and not varnished.



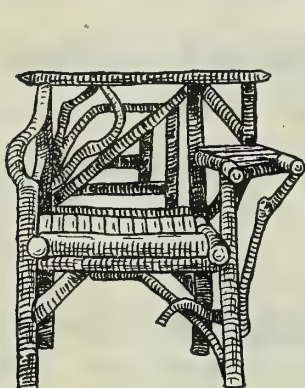
Elwood Cedar Settee, \$3 50 each.



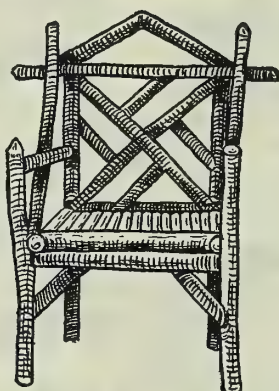
Florida Cedar Settee, \$3.50 each.



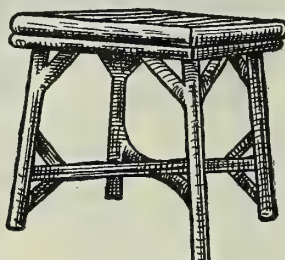
Mission Cedar Settee, \$8.00.



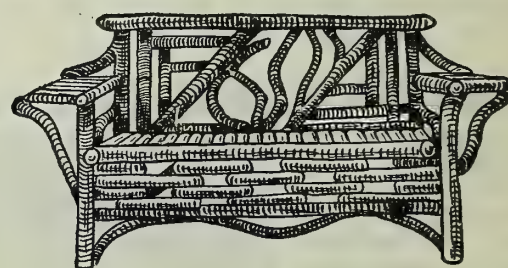
Klondike Chair, \$5.00.



Elwood Chair, \$2.75.

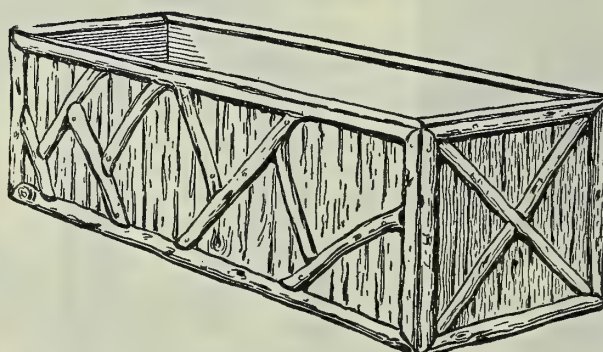
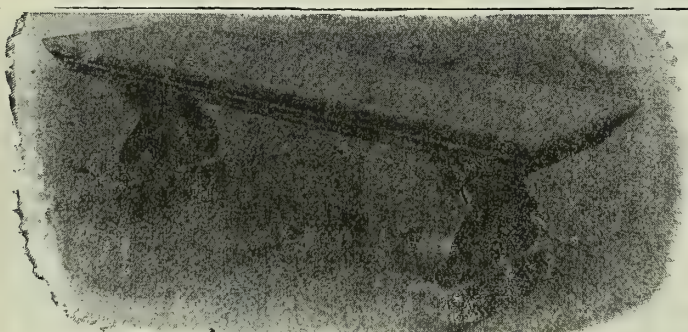


Rustic Table, \$4.25.



Klondike Cedar Settee, \$7.00.

## PORCH AND WINDOW BOXES



Rustic Boxes for Porches and Windows

### Rustic Window Boxes

Length	Depth	Width	Price
24-in.	7½-in.	11-in.	\$1.40
30 "	7½ "	11 "	1.75
36 "	7½ "	11 "	2.10
Any length made to order, 75c. per running foot, 11 in. wide.			

### Green Window Boxes

Length	Depth	Width	Price
24-in.	6½-in.	8-in.	\$0.80
30 "	6½ "	8 "	1.00
36 "	6½ "	8 "	1.25
Any length made to order, 45c. per running foot, 8 in. wide.			

Rustic Bark for covering boxes, columns or any other article. Per sq. ft., 5c.; \$1.00 per 25 sq. ft.; 50 sq. ft. and over, @ 3½c. per sq. ft.

## COLONIAL GARDEN SEATS

Made of wood and finished in a most exclusive manner, stock color is usually a light green, although any color can be had on short notice. Price, \$1.40 per running foot. Any size desired.



## SELF WATERING WINDOW BOXES

These are made of metal, finished bright green; the bottom is equipped with a reservoir which when filled is sufficient to keep the contents of the box watered for two weeks.

No.	Height	Width	Length	Price
No. 1	8"	9½"	23"	\$1.75
No. 5	8"	9½"	31"	2.35
No. 8	8"	9½"	37"	2.75

Also all other sizes.

### IRON GUARDS

For grass corners, flower beds, etc. Iron (see cut) nicely painted green, 75c. each; per doz., \$8.25.

### WIRE GUARDS

Made extra heavy and well galvanized. Price, 25c. each; per doz., \$2.50.



### SIGNS

"Keep off the Grass."

40c. each; per doz., \$4.00.

Excellent for putting around grass plots where thoroughfare is not desired. Made of iron, nicely painted.

### SPECIAL RUSTIC HOUSES

We are prepared to furnish Rustic Houses to order of all kinds, and will be glad to estimate.

All Prices subject to Market Changes.





### PAINTED POT LABELS

	100	500	1000
4 inch .....	\$0.12	\$0.50	\$0.85
4½ " .....	.15	.60	1.00
5 " .....	.20	.70	1.25
6 " .....	.25	.85	1.50
8 " .....	.35	1.75	3.25
10 " .....	.50	2.40	4.50
12 " .....	.75	3.25	6.00
18 " for field use..	2.00		17.50

### WOOD TREE LABELS

Per 100 Per 1000

Iron Wired. Plain .....	\$0.15	\$1.00
Copper Wired. Plain .....	.20	1.25
" " Painted ...	.25	1.50
Copper Sheet, wired. 20c. per doz.; per 100, \$1.10.		
Indelible Marking Pencils .....	.05c.	

### THE HORTICULTURAL IRON LABEL

For marking perennials, garden rows, beds or individual plants inside. The space for holding cards is large, to allow previous cards to remain; by this method a perpetual record of any one plant or item may be kept. No. 5.

Price, 20c. each; per dozen, \$2.00; \$15.00 per 100.



Horticult. Label 100.

### WRENS' NESTS

(Terra Cotta)



Constructed so they may be suspended from a tree limb anywhere. Hole is small so larger birds cannot enter or disturb the occupants. Price, 25c. each; \$2.50 per doz.

### WOODEN WREN BOX

These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35c. each, 3 for \$1.00.



### SUPERIOR IRON PLANT STANDS

You can tilt and set your plants at any angle desired to produce the proper decorative effect. Enameled green.

Height	Size of Plates	Price Each	Per Doz.
12 inch	5 x 7	\$0.85	\$9.00
18 "	5 x 7	.95	10.00
18 "	8 x 10½	1.05	11.75
24 "	8 x 10½	1.15	13.00
24 "	8 x 12	1.25	14.25
30 "	8 x 10½	1.35	14.75
30 "	8 x 12	1.45	15.75
36 "	8 x 10½	1.55	15.75
36 "	8 x 12	1.65	16.75
42 "	8 x 10½	1.75	16.75
42 "	8 x 12	1.80	18.00
48 "	8 x 12	1.85	19.50
60 "	8 x 12	1.95	20.75
72 "	8 x 12	2.05	22.00

### STAR IRON PLANT STANDS

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

	Each	Per Doz.
12 inches high .....	\$0.70	\$7.70
18 " " .....	.80	8.80
24 " " .....	.95	10.50
30 " " .....	1.15	12.25
36 " " .....	1.40	15.50
42 " " .....	1.55	16.50

#### Extra Plates for Superior Stands

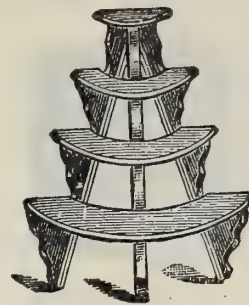
	Each	Per Doz.
5 inch .....	\$0.30	\$3.30
7 " .....	.35	3.75
8 " .....	.50	5.50
10½ " .....	.55	6.00
12 " .....	.65	7.00

#### Extra Plates for Star Stands

	Each	Per Doz.
5 inches diam. ....	\$0.25	\$2.85
7 " " .....	.40	4.40
10½ " " .....	.50	5.50

### WOODEN PLANT STANDS

Nicely varnished, finished natural color, half round shape.  
3 shelf .....\$1.25



### WIRE PLANT STANDS

These are painted green and touched off with bronze.

1 shelf square. \$2.25	2 shelf half rd. ... \$3.00
2 " " .. 3.00	3 " " .. 4.00
3 " " .. 4.00	

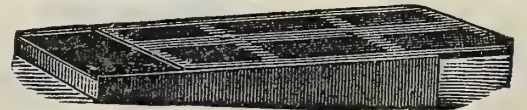


### BAGS FOR PROTECTING GRAPES

If put on during the period when grapes are forming, they will save many times their cost in the amount of fruit they will save from insects, rot, etc. All ready with wire to fasten.

If desired by mail please add 15c. per 100 to the prices below.

	100	1000
2 lb. size .....	\$0.30	\$2.50
3 lb. size .....	.35	3.00
4 lb. size .....	.40	3.50



### SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

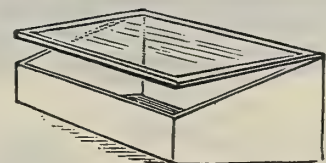
Light, yd., 6c.; \$3.30 per piece of 60 yards.  
Medium, yd., 10c.; \$5.40 per piece of 60 yards.

Heavy (Waterproof). Per yd., 14c.; \$5.20 per piece of 40 yards.

### RUBBER PLANT SPRINKLERS



Straight Neck.  
No. 1 .....\$1.00  
No. 2 ..... .90  
No. 4 ..... .60  
Angle Neck.  
Large .....\$1.00  
Small ..... .80



### SEED FRAMES

For raising seeds sown early in the house. 12 x 20 in. \$1.25 each; 12 x 16 in., \$1.00 each, complete.



# PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

## CEDAR TUBS

Equipped with Black Iron Hoops.

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

No.	Outside diam.	Length of stave outside	
No. 0.	27 inches	24 inches	\$5.50
No. 1.	25 "	22 "	5.00
No. 2.	23 "	20 "	4.50
No. 3.	21 "	18 "	4.00
No. 4.	19 1/2 "	16 "	3.00
No. 5.	18 "	14 "	2.75
No. 6.	16 1/2 "	13 "	2.25
No. 7.	15 "	12 "	2.00
No. 8.	12 "	10 "	1.75

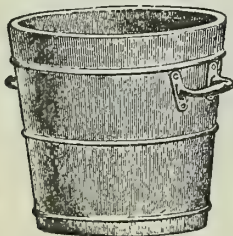
## CEDAR PLANT TUBS

With Solid Brass and Galvanized Iron Hoops

These hoops are much more substantial than the regular black iron and are well worth the difference; furnished only on order; not carried in stock.

No.	Brass Hoops	Galvan. Hoops
No. 0	\$6.50	\$6.00
No. 1	6.30	5.50
No. 2	5.75	4.90
No. 3	5.30	4.40
No. 4	4.00	3.35
No. 5	3.75	3.10
No. 6	3.00	2.55
No. 7	2.70	2.30
No. 8	2.25	1.95

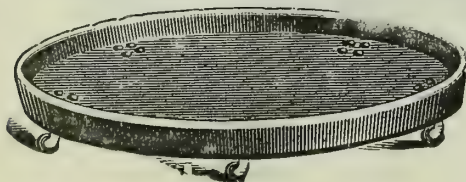
## KEYSTONE TREE AND PLANT TUBS



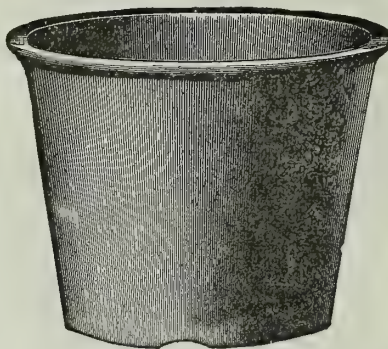
Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. D, E, F, sizes only, are supplied with handles.

Letter	Outside Diam.	Inside Diam.	Length of Stave	Each
A	11	10	12	\$0.75
B	12 1/4	11	12	.85
C	13 1/4	12	13	1.00
D	14 1/4	13	14	1.25
E	15 1/4	14	15	1.50
F	16 1/4	15	15	1.75
G	8	9	9	.40
H	11	11 1/2	9	.50

## ROLLING STANDS (Wood Fibre)



Will fit	Pot	Tub	Each	Doz.
12 inches	10 in.		\$0.55	\$6.00
14 "	12 "	No. 8	.65	7.20
16 "	14 "	" 8	.80	9.00
18 "	16 "	" 7-6	.90	10.00
20 "		" 5	1.05	12.00
22 "		" 4	1.30	15.00



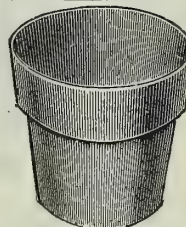
## WOOD FIBRE PLANT TUBS

Complete, with saucers.

	Green Enameled	Mahogany Color
10 inch	\$0.90	\$0.60
12 "	1.10	.70
14 "	1.60	1.30
18 "	4.40	3.50

## EARTHEN FLOWER POTS

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.



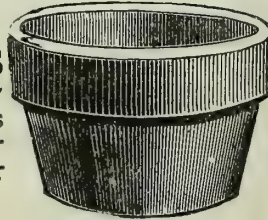
Height and Width Inside	Each	Doz.	100	1000
2 inches	\$0.01	\$0.07	\$0.50	\$3.96
2 1/4 "	.01	.08	.56	4.45
2 1/2 "	.02	.09	.69	5.45
3 "	.02	.11	.88	6.93
3 1/2 "	.02	.14	1.06	8.41
4 "	.02	.18	1.38	10.89
4 1/4 "	.03	.20	1.56	12.37
4 1/2 "	.03	.24	1.88	14.85
5 "	.03	.32	2.50	19.80
5 1/2 "	.05	.41	3.13	24.75
6 "	.05	.49	3.75	29.70
6 1/2 "	.07	.62	4.80	44.00
7 "	.08	.78	6.00	55.00
8 "	.11	1.09	8.40	77.00
9 "	.16	1.56	12.00	110.00
10 "	.22	2.11	16.20	148.50
11 "	.29	2.81	21.60	
12 "	.40	3.00	30.00	
14 "	.80	7.80	60.00	
16 hand made	1.50	13.50		

## PAPER FLOWER POTS

Size	Doz.	100	1000
2 1/4 inches	\$0.08	\$0.35	\$3.00
2 1/2 "	.10	.40	3.25
3 "	.12	.55	4.50
3 1/2 "	.18	.70	6.00
4 "	.20	.95	7.50
5 "	.25	1.40	12.50
6 "	.30	1.80	17.00

## EARTHEN BULB PANS

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.



Diam. Inside	Each	Doz.	100
6 inches	\$0.07	\$0.68	\$3.75
7 "	.08	.78	4.80
8 "	.10	.98	6.00
9 "	.15	1.30	8.40
10 "	.20	1.63	10.80
12 "	.25	2.28	15.00
14 "	.50	4.55	30.00
16 "	.90	7.80	60.00
18 "	1.25	11.70	90.00

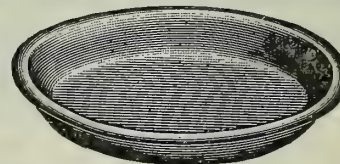
## SEED PANS

Earthenware

Inches	Each	Doz.
6	\$0.20	\$2.00
8	.25	2.50
10	.30	3.00
12	.40	3.50



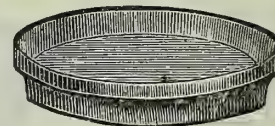
Seed Pan



## WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or wood-work without damage; they are also unbreakable.

	Each	Doz.	100
4 inches	\$0.09	\$1.00	\$8.30
5 "	.10	1.10	9.00
6 "	.11	1.15	9.25
7 "	.12	1.25	10.20
8 "	.13	1.35	10.80
9 "	.14	1.45	12.00
10 "	.15	1.55	12.80
12 "	.18	1.75	14.75
14 "	.22	2.50	20.00
16 "	.35	4.00	34.00
18 "	.40	4.75	39.50

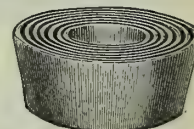


## EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.02	\$0.15	\$1.12
5 "	.03	.18	1.40
6 "	.04	.24	1.88
7 "	.05	.31	2.40
8 "	.06	.47	3.60
9 "	.08	.62	4.80
10 "	.09	.78	6.00
11 "	.11	.94	7.20
12 "	.15	1.17	9.00
14 "	.25	1.95	15.00



Fern Liner



## EARTHEN FERN PANS

These are suitable for putting into deep fern dishes.

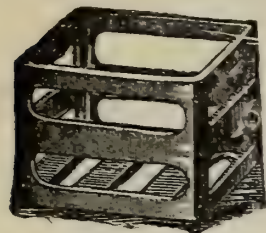
Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.04	\$0.31	\$1.65
4 3/4 "	2 1/8 "	.05	.33	2.20
5 1/2 "	2 1/4 "	.06	.41	2.75
6 1/4 "	2 1/2 "	.07	.49	3.30
7 "	2 5/8 "	.09	.55	3.85
8 "	3 1/8 "	.11	.79	5.50
9 "	3 1/4 "	.15	.95	6.60

## FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.12	\$1.00	\$6.00





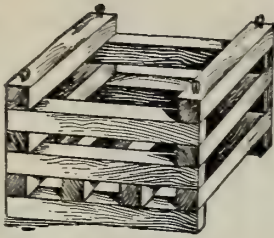
### EARTHEN ORCHID BASKETS

Square	Each	Doz.
4 in. ....	\$0.15	\$1.35
6 " ....	.25	2.25
7 " ....	.30	3.00

Earthen Or. Basket

### WOOD ORCHID BASKETS

Square	Each	Doz.
6 in. ....	\$0.30	\$3.50
8 " ....	.40	4.25
10 " ....	.50	5.00
12 " ....	.60	6.50



Wood Orchid Basket



Orchid Pan

### ORCHID PANS

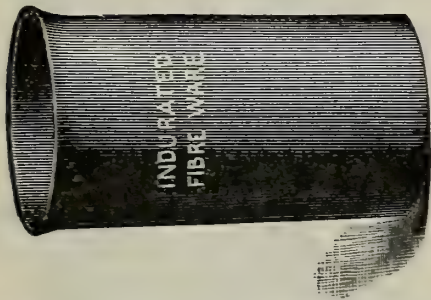
EARTHEN		
	Each	Doz.
4 in. ....	\$0.10	\$1.00
5 " ....	.15	1.50
6 " ....	.20	1.80
8 " ....	.30	2.50
10 " ....	.40	3.60
12 " ....	.50	5.00

### CORK FOR ORCHIDS

In large clumps. 30c. per lb.; 5 lbs., \$2.50.

### ORCHID PEAT

For use in orchid pans and baskets. 30c. per peck; bushel, \$1.00; \$2.00 per bbl. bag.



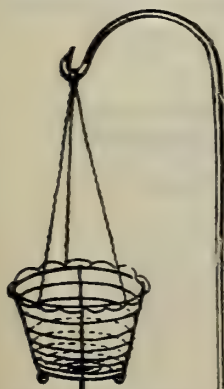
### WOOD FIBRE FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	\$0.50	\$5.40
1	5 1/2 "	10 "	.45	4.80
1A	6 1/2 "	6 1/2 "	.50	5.00
2	4 1/2 "	9 "	.40	4.20
3	4 "	6 "	.35	3.60
4	3 "	4 1/2 "	.30	2.80
20	9 "	21 "	1.75	21.00
11	5 "	18 "	.55	6.00
22	4 1/2 "	15 "	.50	5.40
33	4 "	12 "	.45	4.80
44	3 "	9 "	.40	4.20
000	9 "	29 "	2.45	28.00

### WIRE HANGING BASKETS

Complete with Hanger.

	Each	Doz.
8 inch	\$0.15	\$1.50
10 inch	.20	2.00
12 inch	.25	2.50
14 inch	.35	3.50
16 inch	.45	4.50



Cemetery Hook and Basket



### JONES' POT BRACKET

(See Cut.)

- No. 1—Holds 5-inch pot. Each, 30c.; \$3.00 per doz.  
 No. 2—Holds 6-inch pot. Each, 35c.; \$3.50 per doz.  
 No. 3—Holds 7-inch pot. Each, 40c.; \$4.00 per dozen.

MAILING.—If Jones's Brackets are desired by mail, add 15c. to price of each bracket.

### BRONZED POT BRACKETS

- 8310—Single small, 30c. each; per doz., \$3.00.  
 8320—Single, medium. 40c. each; per doz., \$4.00.  
 8340—Double, medium. 60c. each; per doz., \$6.00.

### IRON VASES

For holding cut flowers on cemetery lots and graves.

#### Painted Green

No.	Each	Doz.
3—Small	\$0.25	\$2.50
2—Medium	.35	3.75
1—Large	.45	4.50

#### Galvanized

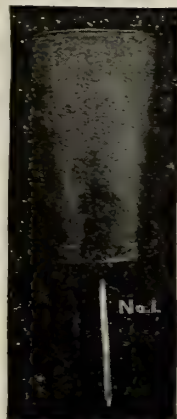
No.	Each	Doz.
3—Small	\$0.35	\$3.75
2—Medium	.50	5.00
1—Large	.65	6.75



### ENAMELED CEMETERY VASES

Color pure white; made of tin and carefully enameled; will not burst in cold weather.

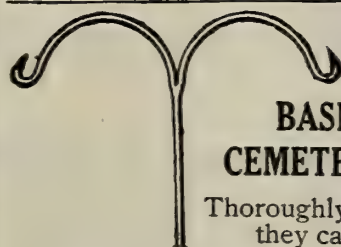
No.	Each	Doz.
1—Large	\$0.25	\$2.75
2—Small	.20	2.00



### BASKET OR CEMETERY HOOKS

Thoroughly galvanized so they cannot rust.

- Single, 5/16 inch thick, 40c.  
 Single, 3/8 inch thick, 50c.  
 Double, 1/2 inch thick, 80c.



### OAK JARDINIERS

Made of black oak, finished natural on the outside, painted red on the inside, and fitted with brass hoops and handles.

#### Low Form for Bulb and Fern Pots

No.	To fit Pots	Price	No.	To fit Pots	Price
75	6-inch	\$3.00	96	8-inch	\$4.50
85	7 " "	3.75	116	9 " "	4.50

#### High Form for Flower Pots

No.	To fit Pots	Price	No.	To fit Pots	Price
77	6-inch	\$3.75	119	9-inch	\$4.50
88	7 " "	4.00	111	10 " "	5.00
99	8 " "	4.25			

We can also supply other sizes.



Eureka Hanger

### KRICK'S POT HANGERS

No.	For	Each	Doz.
No. 1.	For 3 to 5-in. pots	\$0.04	\$0.40
No. 2.	For 6 and 7-in pots	.05	.50
No. 3.	For 8 to 10-in. pots	.06	.60

### EUREKA POT HANGER

These are suitable for any size pot up to 8 inches, made of heavy galvanized wire, 15 inches long. 75c. per doz.; per 100, \$5.00.

### OAK BASKETS

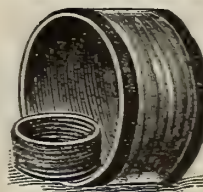


For gathering leaves, vegetables, fruits, rubbish, etc. All hand made. The one bushel size are iron bound, thus very durable.

- 1 Bushel size ...75c.  
 1/2 " " ...45c.

### SPLINT BASKETS

	With Handle	Without Handle
1/4 bu. ....	Per doz., \$0.80	\$0.75
1/2 bu. ....	.85	.80
3/4 bu. ....	1.50	1.40
1 bu. ....	2.00	1.75



### WOOD MEASURES

- Cedar, Iron Bound  
 1/4 to 1/2 peck ...\$0.30  
 1/2 pk. to 1 pk. .40  
 1/2 bushel ..... .70  
 1 bushel ..... 1.25



# SPRAYING APPARATUS, ETC.

## SIMPLEX No. 550 BARREL PUMP



**Simplex Pump**

This pump is one of the very best sprayers on the market. Fitted with brass cylinders. Will not corrode or rust. Will throw a stream 40 feet. **Plain Pump**, no hose or nozzle or barrel. \$7.50.

**Outfit A—Pump**, with 12½ feet hose, fitted with either a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, without barrel. \$10.00.

**Outfit B—Pump**, with two 12½-foot sections of hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. \$12.50.

## CENTURY BARREL PUMP

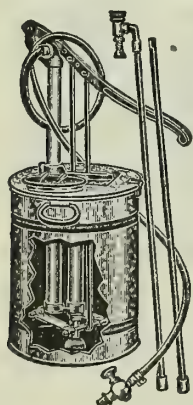
A very powerful pump for the orchard. The working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort.

Price, for plain pump, no barrel or hose ..... \$10.50

Price, complete, with 12½-foot hose and nozzle, no barrel ..... 13.00

Price, with two 12½ foot leads, hose and nozzles, no barrel ..... 15.00

**Barrels**, with trunnions ready to mount on truck, with cut head. \$3.25.



## THE AUTO WHITE-WASH MACHINE AND SPRAY PUMP

This sprayer has a heavy galvanized reservoir (capacity eight gallons), fitted with a double or continuous action spray pump and agitator. The working parts are brass, is fitted with the necessary hose, extension pipes and nozzle. Price, \$12.00.

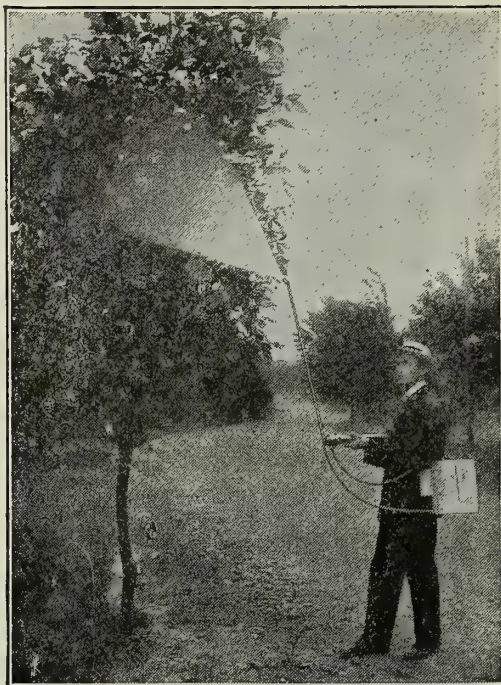
## PARAGON SPRAYERS AND WHITEWASH MACHINES

No. 1.—Equipped with 5-ft. hose, 2—2½ ft. extension pipes and two nozzles, with a 5-gal. reservoir ..... \$10.00

No. 3.—Equipped with a 12-gal. tank mounted on a truck, 3—2½-ft. extension pipes, 2 nozzles and 10 feet of hose ..... 15.00

## NIAGARA GAS SPRAYER

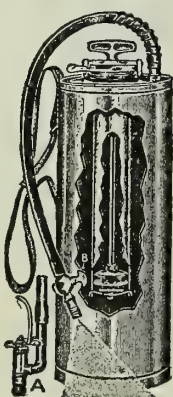
These machines do away entirely with the pump. A tube of carbonic acid is attached to the reservoir. Price of spraying outfit without gas tube, *Garden and Greenhouse* size, \$45.00. Descriptive circular on larger sizes sent on request.



## BRANDT COMPRESSED AIR SPRAYER

This sprayer is equipped with a pump entirely independent of the reservoir, very easily operated, it not being necessary to stop to pump it up, an occasional stroke keeps it constantly charged; will spray 10 acres in a day. Capacity 3 gallons. Brass, \$6.75; Galvanized, \$5.00.

## THE AUTO SPRAY



**Auto Spray**

The Auto Spray is now used by all the large fruit growers for spraying. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds.

Price, Galvanized iron, \$4.50; Brass, \$6.75.

### Auto Pop Attachment

Controls the flow instantly by a pressure of the hand. When purchased with the machine (omitting other nozzle), \$1.00

extra; when purchased separately, \$1.35.



## BRASS STRAINER

For straining whitewash, spraying material, etc. \$1.00 each.

## EXTENSION PIPES, Etc.

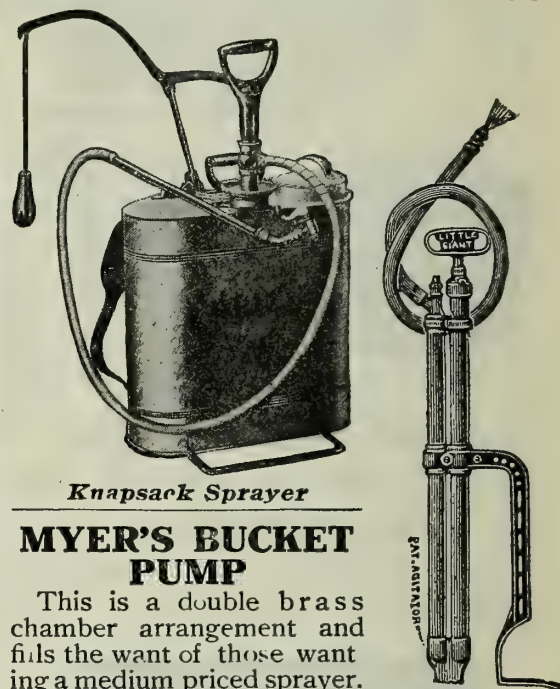
For reaching into trees ¾ in. threads.  
**Bamboo**, with brass tube 8 ft. .... \$2.00  
" " " " 10 ft. .... 2.50  
**Galv. Iron**, 2 ft. .... .30  
**Brass**, 2 ft. .... .45  
**Pet Cock**, for extension pipes .... .40

## DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden, among shrubbery, etc., and also for tree work.

Fig. 675. Copper tank, holding about 7 gals., complete, with pump, nozzle and hose ..... \$14.50

Fig. 654. Galvanized tank, holding about 7 gals., complete, with pump, nozzle and hose ..... 9.50



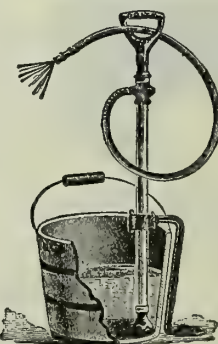
**Knapsack Sprayer**

## MYER'S BUCKET PUMP

This is a double brass chamber arrangement and fills the want of those wanting a medium priced sprayer.

Price \$3.00, includes hose and nozzle.

**Myer's Pump**



**Success Pump**

## DEMING BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾ in. hose.

**Success** (without bucket fastener) .. \$4.15  
**Perfect Success** (with bucket fastener) 4.75



## LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart, \$1.75.



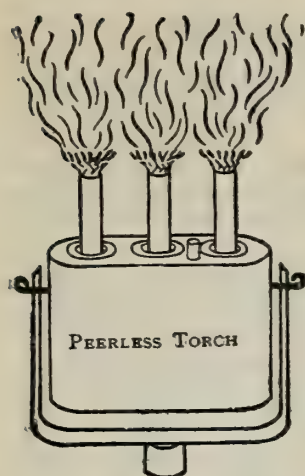
## BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

A—I stream and spray hose, 12 in. \$2.25  
B—I " " " " 13 " 3.25  
C—I " " " " 14 " 3.50  
5—I " " " " 18 " 6.50  
H—18 in. long, 1½ in. diam. .... 2.50



# SPRAYING AND INSECTICIDE APPARATUS, ETC.—Continued



PEERLESS TORCH



Asbestos Torch



Reservoir Torch

## OIL TORCHES

For burning out worms, caterpillars and nests that infest trees.

Peerless	.....	\$0.50
Reservoir	.....	.25
Asbestos	.....	.35

## POLES FOR TORCHES

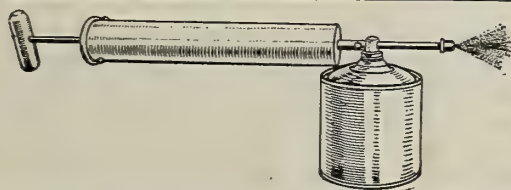
Hickory wood. 12 feet, 45c.; 14 feet, heavy, 80c.; 16 feet, heavy, \$1.00.

## BRASS TREE BAND



Brass Tree Band

Prevents insects, etc., from crawling up trees. Cheap and effective; made entirely of brass; once applied will last permanently; can be cut suitable for any size tree. Price per foot, 12c.; \$1.10 for 10 feet; 20 feet for \$2.00; \$8.50 for 100 feet.



## AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered, very easily operated, especially desirable for ladies' use.

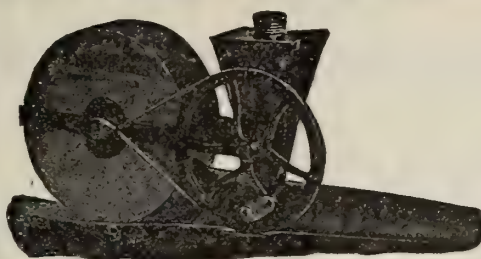
Tin . . . each, \$1.00 | Brass . . each \$2.00



## CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment.

Tin . . . each, \$0.50 | Brass . . each, \$1.00



## SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Price, \$4.50.

## FUMIGATORS

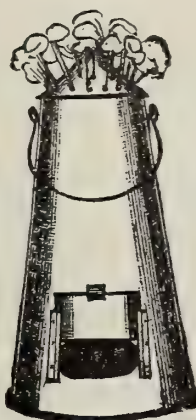
### Perfection Make

Fitted with a water tank to prevent burning out.

No.		
1	for house 12x40 ft.	\$3.00
2	" " 15x100 ft.	3.50
3	" " 20x100 ft.	4.00
5	" " 20x150 ft.	5.50

### Eureka Make

No.		
1	for house 10x20 ft.	\$1.25
2	" " 12x40 ft.	1.75
3	" " 15x100 ft.	2.25
4	" " 20x100 ft.	3.25



Eureka



Vapor. Lamp

## VAPORIZING LAMP

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotidine, Tobakine and other preparations of this sort. 50c. each.

## CAMPBELL'S SULPHUR VAPORIZER

This apparatus is designed to safely vaporize sulphur in greenhouses; to kill mildew and other fungus diseases affecting roses, vines, cucumbers, tomatoes, chrysanthemums, strawberries, peaches, and, in fact, any plant; also destroys red spider infesting vines, crotons, asparagus, fern and other plants.

No. 2—Capacity, 6 ozs. of sulphur; sufficient for a house of 10,000 cubic feet capacity. Price, \$7.75.

## PARTS FOR CAMPBELL SULPHUR VAPORIZERS

Sulphur Receptacles, each, \$2.50.

Glass Balls, 3c.; 30c. dozen.

Wicks, for either size, 20c. yard.



Sulphur Vapor.

## DORRANCE SULPHUR BURNER

An excellent Apparatus for dispensing sulphur fumes. Made entirely of copper; indestructible and will last forever. Price, \$5.50.

## PARIS GREEN SHAKERS

Tin. For dusting vegetables, potatoes, small fruits and shrubbery, 50c. each.

Farmer's Favorite. (See cut.) Large double-action affair, \$1.25 each.



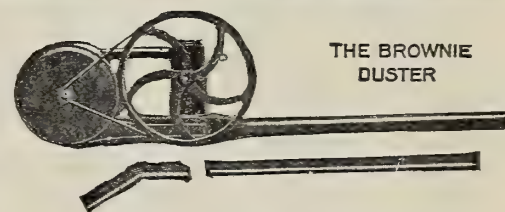
## DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc.

Price, 25c.; by mail, 35c.

## CHAMPION GUN

This machine will distribute dry insecticides, covering one or two rows at one time. Will save its price in material used in one season. Price, \$8.00.



THE BROWNIE DUSTER

## BROWNIE GUN

This machine is especially intended for distributing Paris Green, London Purple, etc. Price, \$4.00.



## WOODASON HAND BELLOWS

Large double cone, each	.....	\$3.00
Large single cone, each	.....	2.00
Small single cone, each	.....	1.10
Liquid spraying, each	.....small, \$1.50;	
large	.....	2.00
Sulphur Bellows, each	.....	1.50

## JUMBO POWDER GUN



Very useful in the dwelling or for other places. Distributes dry powder very satisfactorily. Price, 20c.



# HEADQUARTERS FOR INSECT DESTROYING PREPARATIONS

**Ant Exterminator.** A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per  $\frac{1}{4}$  lb., 20c.; per  $\frac{1}{2}$  lb., 40c.; 75c. per lb.

**Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. 40c. per  $\frac{1}{2}$  pt.; pt., 65c.; \$1.25 per qt.; per gal., \$3.00.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

**Arsenate of Lead (Paste).** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 25c.; 90c. per 5 lbs.; per 10 lbs., \$1.60; \$7.00 per 50 lbs.; per 100 lbs., \$13.00.

**Bordeaux Mixture.** We sell this in both paste and dry form. The dry form is probably the better, although the paste form is most convenient. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees. DRY FORM: Per lb. box, 20c.; 5 lbs. (makes 25 gallons), 75c.; 10 lbs. \$1.25 (makes 50 gallons); 25-lb. box (makes 125 gallons), \$3.00.

**Paste or Pulp Bordeaux.** One part dilutes to 50 parts of water. Per qt., 40c.; \$1.00 per gal.; 5 gals., \$4.50.

**Quick Bordeaux** (in dry form). This is a combination of the proper materials put up in burlap sacks with full directions for using on each. All that is necessary to make Bordeaux Mixture is to suspend the sack in a barrel of water or other receptacle and let the contents dissolve. This method is the most modern way of making bordeaux. 6-lb. sack makes 30 gals. liquid, price 60c.; 10-lb. sack makes 50 gals. liquid, price 90c.

**Bug Death.** Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per 12 $\frac{1}{2}$  lbs., \$1.00; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

**Cow Ease.** Excellent for keeping flies and gnats off domestic animals. Applied with a sprayer or a sponge. Per qt., 35c.; \$1.00 per gal.; per 5 gals., \$4.00.

**Copper Solution.** Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt. 60c.; \$1.75 per gallon.

**Dalmation or Persian Powder.** For ridding buildings of all kinds of various insect pests. Particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 15c. per  $\frac{1}{4}$  lb.; per lb., 45c.; \$2.00 per 5 lbs.

**Ded Worm (Powder).** A sure remedy for plant lice, cabbage worms and grubs that work under or above surface. 1 lb. cartons, 20c.; 35c. per 5 lbs.; 10 lbs., 65c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.

**Disparene (Bowker's).** A trade name for a brand of Arsenate of Lead, which it resembles in every way. Dilute 1 lb. to 25 gals. water. Price, 25c. per lb.; 5 lbs., 90c.; \$1.70 per 10 lbs.; 25 lbs., \$4.25; \$8.00 per 50 lbs.; \$15.00 per 100 lbs.

**Fir Tree Oil.** Used for destroying mealy bug, red spider, and mild forms of scale. Also to spray for thrip, green fly, etc. It is diluted in water according to directions for various purposes. Per  $\frac{1}{2}$  pt., 50c.; 75c. per pint; per qt., \$1.50; \$2.75 per  $\frac{1}{2}$  gal.; per gal., \$5.00.

**Fir Tree Oil Soap.** This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per  $\frac{1}{2}$  lb., 25c.; 75c. per 2-lb. can.

**Grape Dust.** A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 35c.; 60c. per 10 lbs.; per 25 lbs., \$1.50; \$5.00 per 100 lbs.

**Hellebore.** The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per  $\frac{1}{4}$  lb., 10c.; 15c. per  $\frac{1}{2}$  lb.; per lb., 25c.; \$1.00 per 5 lbs.; per 10 lbs., \$1.85.

**Horicum.** A concentrated solution of lime, sulphur and salt, used for spraying for San Jose and other scale insects. Dilutes 1 part to 16 parts of water. \$1.15 per gal.; 5 gals., \$5.00; \$10.00 per 10-gal can; per 50-gal. bbl., \$32.50.

**Kerosene Emulsion.** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. PASTE: Per lb., 20c.; per 5-lb. can, 75c.; per 25-lb. can, \$3.00. LIQUID: Per qt., 40c.; per gal., \$1.00.

**Kil-o-Scale.** Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per  $\frac{1}{2}$  gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.

**Kil-Worm.** Excellent for using on lawns and other places infested by worms. Do not use Kil-Worm directly on other growing plants, in any way, as it is very strong, and might injure them. It dilutes in water and is therefore economical. Per qt., 65c.; \$1.25 per  $\frac{1}{2}$  gal.; per gal., \$2.00; \$9.00 per 5 gals.



## Lemon Oil Insecticide.

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 25c.	Pint, 40c.
Quart, 75c.	Half Gal., \$1.25
Gal., \$2.00	5 Gal. Kegs, \$9.00
10 Gallon Kegs, \$17.50	

**Lime Sulphur (Niagara Brand).** For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 1 gal. can, 75c.; \$2.25 per 5 gal. can; 10 gal. can, \$3.75; \$7.50 per 30 gal. keg; 50 gal. bbl., \$12.00 (\$11.00 per 50 gal. bbl. f. o. b. factory).

**London Purple.** This largely displaces Paris Green, being not quite so strong. It is also less dangerous to use than the former. Per lb., 25c.; \$1.10 per 5 lbs.

**Nicotide.** Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly, and red spider, etc. Per  $\frac{1}{4}$  pt., 70c.; per  $\frac{1}{2}$  pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per  $\frac{1}{2}$  gal.; 1 gal., \$15.00. (LAMPS for Nicotide, 50c. each.)

**COPPERAS (Sulphate of Iron)** This is not an Insecticide but rather a destroyer of weeds and obnoxious growth in lawns, grass plots, fields, etc.; especially valuable for eradicating dandelion, sorrel, etc. It dilutes 100 lbs. to 52 gallons of water, enough to treat an acre, and is applied with a sprayer. While it destroys weeds it rather stimulates the growth of grass, etc. 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$1.75; 200 lbs., \$2.50; 500 lbs., \$5.75; 1000 lbs., \$11.00.

Get our Complete Catalogue on Spray Materials and Apparatus



## HEADQUARTERS FOR INSECT DESTROYING PREPARATIONS

**Nico-Fume (Liquid).** This is used in very much the same way as Nicotidine. Per  $\frac{1}{4}$  pt., 50c.; per pt., \$1.50; per  $\frac{1}{2}$  gal., \$5.50; per gal., \$10.50.

**Nico-Fume.** This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, 75c.; per 144 sheets, \$3.50; per 288 sheets, \$6.50.

**Nikoteen.** One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for Pea lice in the garden. \$1.50 per pt.; per 10 pts., \$14.00.

**Paris Green.** The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 15c. per  $\frac{1}{4}$  lb.; per  $\frac{1}{2}$  lb., 25c.; 35c. per lb.; \$1.60 per 5 lbs.; per 14 lbs., \$4.20.

**Pyrox (Bowker's).** A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; \$13.50 per 100 lbs.; 200 lbs., \$26.50; \$62.50 per 500 lbs.

**Readeana Rose Bug Exterminator.** A poisonous preparation which dilutes in water. Used for destroying green fly, mealy bug, blight, mildew, etc. Will not injure flowers. Small pkgs., 50c.; \$1.00 per large pkg.

**Rose Leaf Extract of Tobacco.** This is a still milder form of the Tobacco preparations than Nikoteen. It is very much used for the same purpose, and is highly satisfactory. 30c. per pt.; per qt., 50c.; \$1.25 per gal.; per 5 gals., \$4.25.

**Scalecide (Soluble Crude Oil).** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30 gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

**Scale Destroyer (Target Brand).** This is a preparation similar to Scalecide, but is not a crude petroleum. It is manufactured from a very fine grade of paraffine oil, and has many excellent properties. Dilute at various strengths according to season. Per qt., 35c.; 65c. per  $\frac{1}{2}$  gal.; per gal., \$1.00; \$3.75 per 5 gals.; 25 gals., \$13.75; per 50 gals., \$25.00.

**Shoo Fly.** For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00 per gal.

**Slug Shot.** The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.20; \$2.25 per 50 lbs.; 100 lbs., \$4.25. Full bbl. lots (about 250 lbs.), 3 $\frac{3}{4}$ c. per lb., f. o. b. Factory; 4c. per lb., f. o. b. Phila.

**Sulphate of Copper.** For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 15c.; \$1.25 per 10 lbs.; 25 lbs., \$2.75; \$10.50 per 100 lbs.

**Sulphur.** Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 7c.; 30c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.

**Sulphur Candles.** For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 25c. each; per doz., \$2.50; small, 10c. each; per doz., \$1.00.

**Sulpho Tobacco Soap.** An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 10c.; 20c. per 8-oz. package.

**Thymo Cresol (Sheep Dip).** This preparation is used for disinfecting, etc., it is also an excellent cold water sheep dip. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per qt., 70c.; \$1.10 per  $\frac{1}{2}$  gal.; per gal., \$2.00.

**Tobacco Dust.** Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 10c.; 25c. per 5 lbs.; per 10 lbs., 45c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50.

**Tobacco Dust.** For fumigating or dusting. (*Michell's Special Brand.*) 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00.

**Tobacco Dust (Stoothoffs).** For either fumigating or dusting. A specially prepared article; state which kind is wanted when ordering. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.35; \$2.25 per 50 lbs.; 100 lbs., \$4.00.

**Tobacco Soap (Pinners).** This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water making an excellent preparation for washing animals. Per  $\frac{1}{2}$  lb., 20c.; 40c. per lb.

**Tobacco Stems (Fresh).** Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 20c. per 5 lbs.; per bu., 50c.; \$1.00 per bbl.; per large bale, \$2.00; \$6.50 per half-ton; per ton, \$12.00.

**To-Bak-Ine Fumigating Paper.** Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package, of 24 sheets, 75c.; \$6.50 per box of 244 sheets.

**To-Bak-Ine Fumigating Liquid.** Similar to Nicotidine; it is used in the same manner, and is practically the same, excepting that it is made by a different factory, and they claim for it everything that goes to make up a first-class insecticide. Per  $\frac{1}{4}$  pt., 60c.; \$1.10 per  $\frac{1}{2}$  pt.; per pt., \$2.00; \$7.75 per  $\frac{1}{2}$  gal.; per gal., \$15.00.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 30c.; 3-lb. cans, 85c.; 10-lb. cans, \$2.65; \$4.80 per 20 lbs.

**Vaporite.** Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 lb., 15c.; 60c. per 5 lbs.; 10 lbs., 90c.; \$2.00 for 25 lbs.; 50 lbs., \$3.75; \$6.50 per 100 lbs.

**Whale or Fish Oil Soap.** For mild forms of Scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per  $\frac{1}{2}$  lb., 10c.; 20c. per lb.; per 5 lbs., 50c.; 90c. per 10 lbs.; per 25 lbs., \$1.75; \$6.50 per 100 lbs.

**Whale Oil Soap (Goods Caustic).** Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 20c. per 1-lb. can; 5-lb. can, 75c.; \$1.75 per 25-lb. can; 50 lbs., \$3.25; \$5.00 per 100 lbs.; 425-lb. bbl., \$17.00.

**Wilson's Plant Oil.** This is a soluble oil preparation, excellent for plant lice of all kinds. It is particularly valuable for greenhouses and conservatories, although it can be used to good advantage outdoors. Per pt., 40c.; 75c. per qt.; per gal., \$2.00.

**Worm Eradicator.** This has been found to effectually destroy worms in greenhouse benches and in potted plants. It may be used with perfect safety, and results are sure. Per bottle, 50c. and \$1.00.

**Worm Eradicator (Twentieth Century).** Used indoors as well as outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can. Price, \$2.00 per gal.; 5 gals., \$9.25; 1 gal. dilutes to 100 gals. of water.

**Worm Eradicating Fertilizer (Carter's).** This preparation is made in England where it is used extensively, though the demand has reached this side, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. This preparation acts as a fertilizer as well as a worm destroyer. In 100 lb. bags only. \$4.50; \$35.00 per 1000 lbs.; 2000 lbs. \$65.00. Apply at the rate of  $\frac{1}{2}$  lb. per square yard.



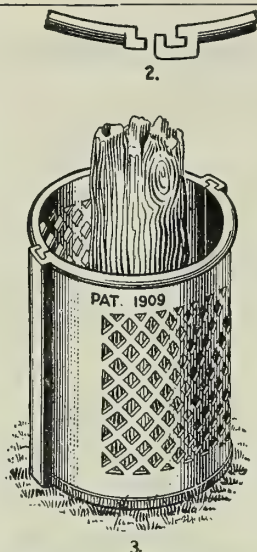


## LINING AND ROOFING PAPER

	Sq. ft.	Price per roll
<b>Celery Paper</b> for covering celery banks .....	500	\$1.15
\$5.25 for five rolls.		
<b>Neponset Red Rope</b> .....	500	5.50
" " " .....	250	2.75
" " " .....	100	1.25
<b>Black Siding</b> .....	250	1.25
" " " .....	500	2.50
<b>Tar or Pitch</b> , 2-ply .....	100	.80
" " 3-ply .....	100	1.10
<b>Paroid</b> , 1-ply .....	108	2.50
" 2-ply .....	108	3.25
" 3-ply .....	108	4.00
<b>Caps</b> for tar paper. 1 lb., 8c.; 5 lbs., 35c.		
<b>Nails</b> for tar paper. 1 lb., 8c.; 5 lbs., 35c.		

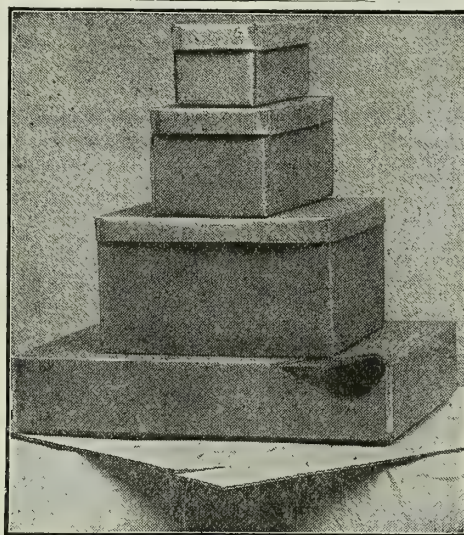
## SUNDRIES

<b>Charcoal.</b> For use in potting. Pk., 25c.; bu., 75c.; bbl., \$1.75.	
<b>Grafting Wax.</b> ¼ lb., 10c.; ½ lb., 15c.; 25c. lb.; 5 lbs., \$1.10.	
<b>Moss, Green Lump.</b> Pk., 35c.; bu., 75c.; bbl., \$1.75.	
<b>Moss, Green Sheet.</b> Pk., 50c.; bu., \$1.25; bbl., \$3.50.	
<b>Moss, Sphagnum (dry).</b> Barrel size bales, \$1.00; pk., 20c.; bu., 50c.; bbl., \$1.25.	
<b>Moss, Sphagnum (dry).</b> Five barrel bales, \$2.50.	
<b>Moss, Sphagnum (live).</b> Pk., 25c.; bu., 85c.; bbl., \$1.75.	
<b>Pebbles.</b> Per qt., 8c.; pk., 40c.; bu., \$1.25; bbl., \$2.00.	
<b>Peat or Leaf Mould.</b> Five barrels, \$6.25; pk., 25c.; bu., 75c.; bbl., \$1.50.	
<b>Peat, Orchid.</b> Per barrel bag, \$2.00; pk., 30c.; bu., \$1.00.	
<b>Sand</b> for propagating. Per qt., 5c.; pk., 20c.; bu., 60c.; bbl., \$1.50.	
<b>Soil</b> for potting. Qt., 5c.; ½ pk., 15c.; pk., 20c.; bu., 60c.; bbl., \$1.50.	
<b>Tin Foil.</b> 15c. per lb.; 70c. per 5 lbs.	
<b>Toothpicks.</b> Plain, box, 7c.; 35c. for 6 boxes.	
<b>Toothpicks.</b> Wired, 1000, 25c.; \$2.00 per 10,000.	
<b>Violet Foil.</b> 40c. lb.; \$1.75 per 5 lbs.	
<b>Weed Killer.</b> Fairmount. ½ gal., 75c.; \$1.25 gal.; 5 gals., \$6.00.	
<b>Weed Killer.</b> Target Brand. 45c. per qt.; ½ gal., 65c.; \$1.00 per gal.; 5 gals., \$4.50; \$8.50 for 10 gals.	
<b>Zementine.</b> For whitewashing and shading. 2 lbs., 15c.; 10 lbs., 70c.	
<b>Carnation Bands (Rubber).</b> For mending bursted calyx. 30c. per oz.; ¼ lb., \$1.00.	
<b>Carnation Staples (Wire).</b> Used for bursted carnation blooms. 60c. per 1000.	



## VICTOR TREE GUARD

Many trees are ruined by rabbits, lawn mowers, sickles, etc., cutting and bumping them. The Victor Guard is designed to overcome this. It is in two parts, can be put on or taken off instantly; no bolts or screws; height 8 inches, 6 ins. diam.; painted dark green. \$1.00 each; 12 for \$11.00.



## CUT FLOWER BOXES CORRUGATED PAPER BOXES

	Each	Per Doz.
60 x 20 x 12 inch .....	\$0.60	\$6.50
42 x 14 x 8 " .....	.40	4.50
36 x 14 x 6 " .....	.35	3.50
24 x 8 x 5 " .....	.20	2.00

## LIGHT WEIGHT PAPER BOXES

Size	Per Doz.	Per 100
14 x 5 x 3 .....	\$0.35	\$2.25
20 x 4 x 3 .....	.40	2.50
16 x 5 x 3 .....	.40	2.50
18 x 5 x 3 .....	.45	2.65
19 x 5 x 3 ¼ .....	.50	3.00
18 x 7 ½ x 3 ½ .....	.60	3.50
21 x 5 x 3 ¼ .....	.60	3.50
23 x 5 x 3 ½ .....	.65	3.75
21 x 7 x 3 ½ .....	.65	3.75
21 x 8 x 4 .....	.70	4.00
23 x 7 x 3 ½ .....	.70	4.00

## HEAVY WEIGHT PAPER BOXES

Size	Per Doz.	Per 100
23 x 12 x 4 .....	\$1.00	\$6.50
28 x 8 x 5 .....	1.00	6.50
30 x 9 x 4 .....	1.00	6.50
36 x 8 x 5 .....	1.25	8.25
23 x 12 x 5 .....	1.25	8.25
30 x 9 x 6 .....	1.35	8.75
30 x 12 x 6 .....	1.50	11.00
30 x 14 x 8 .....	2.40	16.50
36 x 12 x 6 .....	2.40	16.50

We can also supply other sizes of boxes.

## VIOLET BOXES

Size	Per Doz.	Per 100
7 x 4 x 4 .....	\$0.40	\$2.75
8 x 5 x 5 .....	.70	4.40
9 x 7 x 5 ½ .....	.80	5.50
10 ¼ x 6 ¼ x 4 ½ .....	.80	5.50
13 x 9 x 6 .....	1.25	8.80

## PAPER FOR FLOWERS

	Lb.	5 lbs.	Reams
<b>Manilla.</b> For wrapping. \$0.10	\$0.10	\$0.45	\$1.60
" Tissue .....	.12	.55	1.00
<b>Wax.</b> Best quality, 24 x 36 in. ....	.30	1.25	2.50
<b>Wax.</b> Best quality, 12 x 8 in. ....	.30		.65



**Sunlight Sash** are made with a double glass facing, one on the bottom, another on the top. It is claimed by the manufacturer where these are used, hot bed mats are unnecessary. In one size only, 3 feet wide, 6 feet long.

Prices, f. o. b. Philadelphia:

<b>Plain, Unglazed</b> .....	\$2.25
<b>Glazed and Painted</b> .....	4.25
Packing Glazed Sunlights, 25c. each extra.	

## HOT BED SASH

Made of best quality cypress. Size, 3 ft 1½ in. wide, 6 feet long.

**Plain**, not glazed or painted. Each, \$1.40; \$15.00 per doz.

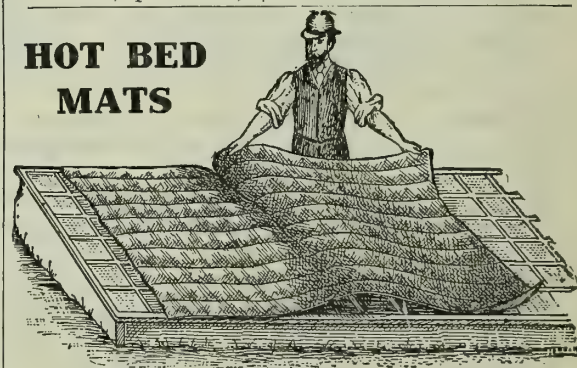
**Plain**, not glazed but painted one coat white paint. Each, \$1.55; \$16.75 per doz.

**Glazed**, painted sliding glass. Each, \$3.25; \$37.50 per doz.

**Glazed**, painted, puttied glass. Each, \$3.25; \$37.50 per doz.

**Packing charges** on Glazed sash only, 10c. each; per doz., \$1.20 extra.

## HOT BED MATS



The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

**Burlap.** 76 x 76 inches, covering two regular size sash. Each, \$1.50; doz., \$17.00.

**Burlap.** 40 x 76 inches, for one sash. Each, \$1.00; doz., \$11.00.

**Duck and Burlap.** This style is water-proofed on one side. 40 x 76 inches. Each, \$1.25; doz., \$14.00.

**Duck and Burlap.** 76 x 76 inches. Each, \$1.75; doz., \$20.00.

We can supply the following mats any length desired:

**Duck and Burlap.** 76 inches wide at 30c. per running foot.

**Plain Burlap.** 76 inches wide at 26c. per running foot.

	Each	Doz.
<b>Straw Mats.</b> 3 x 6 feet .....	\$1.00	\$11.00
" " 6 x 6 feet .....	1.50	16.00



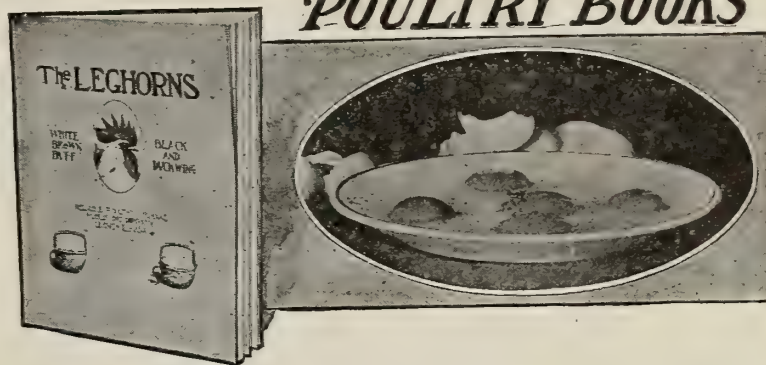
# Horticultural and Poultry Books

The pleasure in gardening or any other pursuit is doubled with the aid of a good book. Those offered here by us are all the latest and brightest opinions on the different subjects.

<b>Agriculture, The Principles of</b> (Bailey). A text-book for schools and rural societies .....	\$1.25
<b>Amateur's Practical Garden-Book.</b> Contains directions for the growing of the things about the house and garden .....	1.00
<b>Asparagus.</b> Its culture for home use and for market ....	.50
<b>A. B. C. of Bee Culture</b> (Root) .....	1.50
<b>Botany</b> (Wright). Cloth, 50c.; paper, 25c.	
<b>Cabbage, Cauliflower and Allied Vegetables</b> (Allen). Tells all about them, from seedtime to harvest .....	.50
<b>Carnation Culture</b> (Lamborn). An up-to-date practical work .....	1.50
<b>Chrysanthemum Manual.</b> A complete guide to the culture of this popular flower .....	.25
<b>Celery for Profit.</b> The newer and improved methods are described in this volume .....	.20
<b>Dictionary of Gardening</b> (Nicholson).....4 vols.	18.00
<b>Dog, The</b> (Maxtee). Cloth, 50c.; paper, 25c.	
<b>Encyclopedia of American Horticulture</b> (Bailey). 4 vols.	20.00
<b>Fertilizers</b> (Gregory). How to Make and When to Use..	.40
<b>Flowers, How to Grow Them</b> (Rexford). A splendid book for beginners .....	.50
<b>Four Seasons in the Garden</b> (Rexford). Profusely illustrated and very interesting .....	1.50
<b>Farm Book</b> (The New American). 526 pages .....	2.00
<b>Garden Primer.</b> A heap of practical suggestions. ....	1.00
<b>Garden-Making</b> (Bailey). Suggestions for the utilizing of home grounds .....	1.00
<b>Gardening for Pleasure</b> (Henderson). A guide to the amateur in the fruit, flower and vegetable garden .....	1.50
<b>Gardening for Profit.</b> On market and family vegetable gardening .....	1.50
<b>Ginseng.</b> Its cultivation, harvesting and marketing ....	.50
<b>Grasses for lawns and fields</b> (J. T. Barenbrug) .....	1.00
<b>Grape Culturist</b> (Fuller). Best work on the hardy grape .....	1.50
<b>Greenhouse Management</b> (Taft). The latest book on this important branch of horticulture .....	1.50
<b>Greenhouse Construction</b> (Taft). Complete treatise on subject .....	1.50
<b>Handbook of Plants</b> (Henderson). A dictionary of plants with valuable cultural hints for important sorts..	3.00
<b>Home Floriculture</b> (Rexford). A practical guide on flowering and ornamental plants for the amateur .....	1.00
<b>Horticulturist's Rule Book</b> (Bailey). A compendium of useful information .....	.75
<b>House Plants and How to Succeed with Them.</b> A splendid book for ladies who grow plants in the house ..	1.00
<b>How to Plan the Home Grounds</b> (Parsons). Instructions for beautifying the home grounds, large or small..	1.00
<b>Mushroom Culture</b> (Robinson). An English work ....	.50
<b>Mushrooms, How to Grow</b> (Falconer). The most practical work on the subject ever written .....	1.00
<b>Onion Culture, The New</b> (Grenier) .....	.50
<b>Practical Floriculture</b> (Henderson). A guide to the successful cultivation of florist's flowers .....	1.50
<b>Principles of Fruit Growing</b> (Bailey). Presents the most approved methods of American growers .....	1.25
<b>Rhubarb Culture.</b> A complete guide to dark forcing and field culture .....	.50
<b>Rose Culture</b> (Ellwanger). The standard American work on this subject .....	1.25
<b>Sweet Potato Culture.</b> Full instructions from start ....	.50
<b>Strawberry Culture</b> (Fuller). Contains all information necessary to enable anyone to grow their own strawberries .....	.25
<b>Sweet Peas, All About</b> (Hutchins). Replete with good ideas ..	.20
<b>The Forcing Book</b> (Bailey) .....	1.00
<b>The Small Country Place</b> (Maynard). Well illustrated and instructive .....	1.50

<b>The Nursery Book</b> (Bailey). A complete guide to the multiplication of plants .....	\$1.00
<b>The Pruning Book</b> (Bailey). Principles and practices of pruning and training as applied to American conditions..	1.50
<b>Violet Culture</b> (by Galloway) .....	1.50
<b>Violet Culture</b> (Saltford) .....	.25

## PRACTICAL POULTRY BOOKS



<b>Artificial Incubating and Brooding.</b> 96 pages, illustrated	\$0.50
<b>Bantam Fowl</b> (The). By McGrew. 72 pages .....	.50
<b>Brahmas, Cochins and Langshans.</b> 100 pages .....	.50
<b>Capons for Profit</b> .....	.50
<b>Chickens, All About</b> (Johnson). Cloth, 50c.; paper, 25c.	
<b>Diseases of Poultry</b> .....	.50
<b>Ducks and Geese</b> gives all details of hatching, rearing, fattening and marketing. Contains the actual labor-saving methods followed on the great duck ranges. 104 pages.....	.75
<b>Egg Record and Account Book.</b> 32 pages .....	.25
<b>Eggs and Egg Farms.</b> The lengthy chapters on pedigree breeding will be found invaluable to breeders of exhibition or utility fowls. 96 pages, nine by twelve inches, illustrated .....	.50
<b>Money in Squabs</b> .....	.50
<b>Poultry Craft</b> .....	1.50
<b>Poultry Houses and Fixtures</b> shows plans of all practical and labor-saving houses, designs for inside fixtures, also roosting coops and coops for young chicks. It is the most valuable and up-to-date book of the kind that has been placed before the poultry public. 96 pages .....	.50
<b>Practical Squab Book</b> .....	.50
<b>Profits in Poultry</b> .....	1.00
<b>Reliable Poultry Remedies</b> points out the causes, describes symptoms and gives simple and tested remedies for all diseases. 96 pages .....	.25
<b>Successful Poultry Keeping</b> contains more and better practical, reliable information on the subject of "Poultry for Profit" than any other book published. Gives the cream of established facts. 176 pages, illustrated .....	1.00
<b>The Chick Book</b> tells how to obtain good hatches under different conditions, with hens and with incubators; how to feed and care for chicks of all ages, with hens and in brooders. 80 pages, illustrated .....	.50
<b>The Leghorns.</b> The best mating schemes clearly described. You cannot afford to be without this valuable information. 78 pages, illustrated, 50c. After April 1, 1911, New Ed.	1.00
<b>The Plymouth Rocks, Barred, Buff and White.</b> Specialists describe clearly and concisely their methods of mating and breeding. Contains color plate of each variety. 160 pages.	1.00
<b>Turkeys.</b> Every detail of the business explained. 96 pages	.75
<b>Winter Eggs</b> (How to get them) .....	.25
<b>Wyandottes, The.</b> All strains. 160 pages .....	1.00

We can also furnish any other books not mentioned here that might be desired.

## CLIMAX LAWN SAND

A destroyer of weeds, plantain, and at the same time an excellent chemical fertilizer, one of the best things that has ever been offered in this line.

3½ lbs., 40c.; 75c. per 7-lb. can; 14 lbs., \$1.25; \$2 per 28 lbs.; 56lbs., \$3.50; \$6 per 112 lbs.; 560 lbs., \$25; \$45 for 1,120 lbs.



# FERTILIZERS

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on car-load quantities.

Prices Subject to Market Changes.

When the man whose gardening is confined to the back yard reads that 1,600 pounds per acre is the correct proportion in which to use a certain fertilizer, he gets but a vague idea of the quantity to apply to his 5-ft. square bed of lettuce. The table below shows the quantity of fertilizer required to be used on a plot 1 yard square, a space 3 x 3 ft. However any space can be readily figured by using this rate of application.

Amount required for 1 acre	Approximate equivalent for 1 sq. yard	Amount required for 1 acre	Approximate equivalent for 1 sq. yard	Amount required for 1 acre	Approximate equivalent for 1 sq. yard
100 lbs.	1/3 oz.	900 lbs.	3 oz.	1700 lbs.	5 2/3 oz.
200 "	2/3 "	1000 "	3 1/3 "	1800 "	6 "
300 "	1 "	1100 "	3 2/3 "	1900 "	6 1/3 "
400 "	1 1/3 "	1200 "	4 "	2000 "	6 2/3 "
500 "	1 2/3 "	1300 "	4 1/3 "	2100 "	7 "
600 "	2 "	1400 "	4 2/3 "	2200 "	7 1/3 "
700 "	2 1/3 "	1500 "	5 "	2300 "	7 2/3 "
800 "	2 2/3 "	1600 "	5 1/3 "	2400 "	8 "

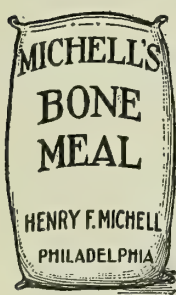


**Ashes.** *Canadian Hard Wood.* Apply 1000 lbs. per acre. For top dressing lawn and grass fields it is applied to best advantage either in very early spring or late fall. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.50 per 200-lb. barrel; 1000 lbs., \$10.00; \$20.00 per ton.

**Acid Phosphate.** Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2.00; \$14.50 per ton.

**Blood (Dried).** Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

**Blood Flour.** Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.50 per 200 lbs.



**Bone Meal (Michell's Strictly Pure).** Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouse and in any case where a moderately slow stimulant fertilizer is wanted. 3 lbs., 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$32.00 per ton.

**Bone Flour.** Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 30c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; ton, \$40.00.

**Bone (Coarse Ground).** Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action, is used for the same purposes. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.25 per 50 lbs.; 100 lbs., \$2.15; \$3.50 per 200 lbs.; per ton, \$32.00.

**Bonora.** Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.); 50c. per lb. (by mail, 66c.); \$2.50 per 5 lbs.

**Bon Arbor.** A concentrated chemical fertilizer similar to Bonora but less expensive; used in liquid form according to directions on the packages. 1 gal., \$2.00; \$9.25 per 5 gals.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$2.00; \$3.50 per 56 lbs.; 112 lbs., \$6.50.

**Cotton Seed Meal.** Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.00 per 200 lbs.; ton, \$42.50.



**Cow or Cattle Manure (Shredded).** One sack of this is equal to one cart-load of cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. It takes up very little space and is indispensable for any fertilizing purpose. In 100-lb. sacks only. \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; ton, \$30.00.

**Fish Guano or Dried Fish.** Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, \$5.25; \$47.00 per ton.

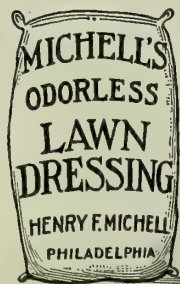
**Farmo-Germ.** A nitrogen gathering bacteria to be used when planting or sowing leguminous plants such as clover, peas, beans, etc. Trial size bottles, 50c.; acre size bottles, \$2.00.

**Guano (Pure Peruvian).** Apply 400 to 500 lbs. per acre. Composed of deposits of pelican and bird manure from South American coasts; very quick in action; used for garden truck principally. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$2.75 per 100 lbs.; 200 lbs., \$4.75; \$42.00 per ton.

**Horn Shavings.** Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 10c. per lb.; 5 lbs., 40c.; \$1.75 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.

**Kainit (Potash Salts).** Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 50c.; \$1.25 per 100 lbs.; 200 lbs., \$2.00; \$15.00 per ton.

**Land Plaster.** Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and wornout soils, also for mixing with Paris Green. 5 lbs., 15c.; 30c. per 25 lbs.; 50 lbs., 50c.; 85c. per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.



**Lawn Dressing (Michell's Odorless).** Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.

**Lawn Sand (Climax).** A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the packages. 3 1/2-lb. tin, 40c.; \$1.25 per 14-lb. tin; 56 lbs., \$3.50; \$6.00 per 112-lb. keg; 560 lbs., \$25.00; \$45.00 per 1,120 lbs.

**Manure.** At short notice we can usually supply first-class horse and cow manure in carload lots only. Prices quoted on request.



# FERTILIZERS—Continued

**MAPES CELEBRATED FERTILIZERS.** Prices quoted here are F. O. B. Philadelphia. When shipped direct from Mapes' factory the price will be 30c. less per sack, and \$3.00 less per ton than prices herewith quoted. No less than 200 lb. sacks are sold as we do not carry Mapes Fertilizers in stock.

	Sack of 200 lbs.	Ton of 2000 lbs.
Potato Manure .....	\$4.50	\$42.00
Corn Manure .....	4.25	40.00
Cabbage and Cauliflower Manure .....	4.50	43.00
Fruit and Vine Manure .....	4.50	43.00
Grass and Grain, Spring Top Dressing ....	4.75	46.00
Complete Manure, for general use .....	4.50	42.00
Complete Manure, for heavy soils .....	4.75	45.00
Complete Manure, for light soils .....	4.85	47.00
Vegetable Manure, for all soils .....	4.85	47.00
Early Vegetable and Truck Manure .....	4.85	47.00

**Plant Food (Michell's).** A highly concentrated chemical fertilizer for house use. 15c. per ½-lb. pkg. (by mail, 24c.); 4 pkgs by express, 50c.

**Plant Food (Bowker's).** Similar to the above in character and purpose, entirely odorless. ½-lb. pkgs. 15c. (by mail, 24c.); 1-lb. pkg., 25c. (by mail, 40c.).

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. 1 lb., 10c.; 35c. per 5 lbs.; 10 lbs., 50c.; \$1.15 per 25 lbs.; 50 lbs., \$1.75; \$3.00 per 100 lbs.; 200 lbs., \$5.50.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 8c. lb.; 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; ½-ton, \$30.00; \$58.00 per ton.

**Nitro-Culture.** A nitrogen gathering bacteria, somewhat like Fermo-Germ except that it is in a dry cotton form, which is soaked in water to extract the bacteria. It can be used for legumes such as clover, peas, beans, etc., only. Always state crop for which it is desired when ordering. Trial pkgs. for sweet peas, garden peas and beans only, 25c. For all other legumes: ¼-acre pkgs., 50c.; \$1.50 per acre pkg.; 5 acre pkgs., \$5.00.

**Phosphate (High Grade Ammoniated).** For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200 lbs.; ton, \$25.00.

**Phosphate (Thomas' Basic Slag).** Used extensively for top dressing lawn, grass and grain lands; contains the proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs. per acre. \$3.25 per 200-lb. bag; per ton, \$25.00.

**Potato Manure.** Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 75c.; \$1.10 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; ton, \$30.00.

**Poudrette (Native Guano).** Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.50 per 200 lbs.; 600 lbs., \$6.00; \$8.00 per 1000 lbs.; per ton, \$15.00.

**Radix.** A very coarse ground bone, which does not become entirely available for several years, during which time it continues to feed the soil. Its chief value is for fertilizing grape vines. Made from pure raw bone. 200-lb. bags only. \$4.00 per bag; per ton, \$37.50.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. 10c. per lb.; 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.25 per 200 lbs.

**Salt.** For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 10 lbs., 20c.; 30c. for 25 lbs.; 50 lbs., 55c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure, it is clean and easily handled, besides giving immediate results. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; per ton, \$30.00.



**Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on and underneath the surface. 10c. lb.; 5 lbs., 35c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 1 lb., 10c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.50 per 100 lbs.

**Tankage.** This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200 lbs.; ton, \$39.00.

**Thomson's Special Flower, Vegetable and Vine Manure.** Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.25.

**Thomson's Special Chrysanthemum Manure.** Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.50; \$7.50 per 56-lb. sack.

**Tobacco Stems.** For fumigating, mulching and fertilizing these are invaluable. The chief fertilizing element in them is the potash. They make an excellent top dressing for lawns in winter. 1 lb., 5c.; 20c. per 5 lbs.; per bushel, 50c.; \$1.00 per barrel sack; large bales, \$2.00; \$6.50 per ½-ton; ton, \$12.00.

**Wood Ashes.** See Ashes at top of opposite page.



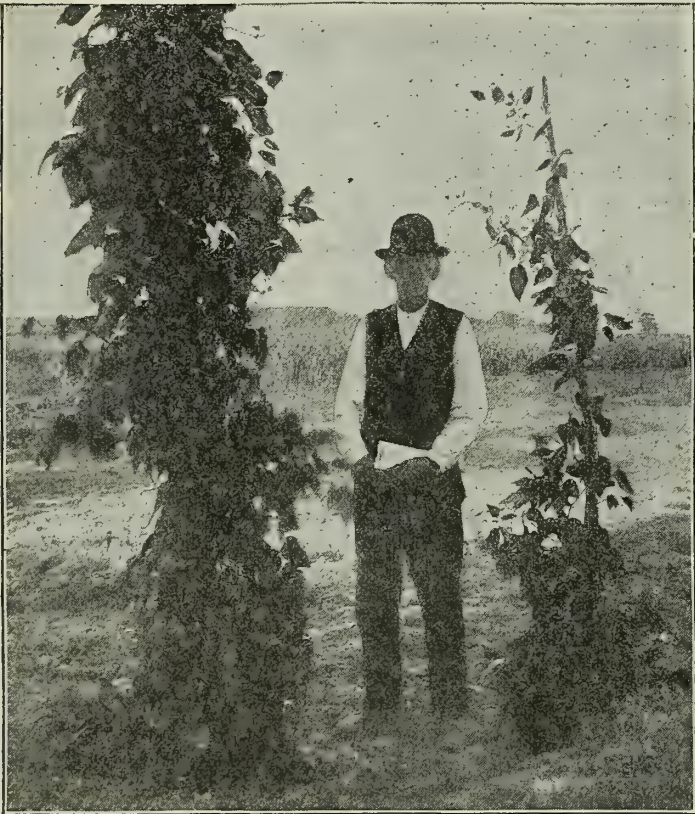


# NITROGEN-GATHERING BACTERIA

The thought that nitrogen-gathering bacteria does assist leguminous plants, such as clover, peas, beans, etc., in making rapid, vigorous growth is no longer mere talk. Many exhaustive experiments have been carried on and it has been proven, beyond a doubt, that they are of great value. It works in the soil and on the roots of leguminous plants, having the power to collect free nitrogen from the air and supply it to the plants. All plants need nitrogen, which is very costly obtained otherwise.

Some of the most successful stands of Alfalfa, Red Clover, etc., are attributed directly to the fact that they were treated with these cultures. It is of great importance that the directions which will be found on each package be carefully followed to insure success. There are several other cultures on the market but the two offered below we consider the best.

We cannot urge too strongly their general use, on account of the many excellent reports that have been made to us.



This illustration shows two lima bean hills one treated with Bacteria, the other not so treated.

## NITRO-CULTURE AND FARM-O-GERM

May be had for the following:

- |                                 |   |
|---------------------------------|---|
| Alfalfa or Lucerne.             | Garden Beans (Wax, String, Lima, Etc.). |
| Red, Yellow and Mammoth Clover. | Soja Beans.                             |
| Alsike and White Clover.        | Velvet Beans.                           |
| Crimson Clover.                 | Vetch.                                  |
| Burr Clover.                    | Peanuts.                                |
| Cow Peas.                       | Field Peas.                             |
| Garden Peas.                    |   |

### NITRO-CULTURE PRICES (Postpaid).

- |                           |                            |
|---------------------------|----------------------------|
| Trial Packages, 50 cents. | 5 Acre Packages, \$5.00.   |
| 1 Acre Packages, \$1.50.  | 20 Acre Packages, \$18.00. |
|                           | 50 Acre Packages, \$40.00. |

Always say when ordering for what crop Nitro-Culture is desired.

### Special Garden Size for the Following Varieties of Nitro-Culture

- |                          |                           |
|--------------------------|---------------------------|
| <b>SWEET PEAS, 25c.</b>  | <b>GARDEN BEANS, 25c.</b> |
| <b>GARDEN PEAS, 25c.</b> |                           |

### FARMOGERM PRICES (Postpaid)

Garden size only for Peas, Beans, Sweet Peas and White Clover, containing sufficient for 100 square feet or a 200-foot row. 50c. bottle.

Bottles sufficient for inoculating seed for an acre, \$2.00.

Always state for what crop Farmogerm is desired.



Canary Seed



Parrot Seed

## HEADQUARTERS FOR RECLEANED BIRD SEEDS, ETC.

It pays immensely to buy bird seed from us because it is always fresh ; put up every week. We buy the best and then reclean it carefully to remove all impurities. Users will find it the best they ever have had.

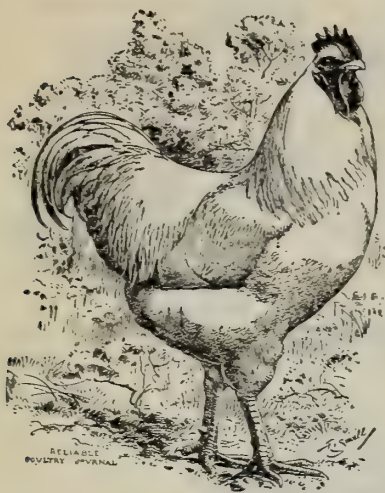
	Qt.	4 Qts.	Peck	Bush.
Ants Eggs .....	\$0.50			
Canary, plain Sicily .....	.15	\$0.50	\$0.80	\$3.00
"    Mixed .....	.15	.50	.70	2.75
Hemp Seed .....	.12	.35	.50	1.75
Millet Seed (Imported) .....	.10	.30	.50	1.50
Parrot Food (Spratt's), 10c. pkg.				
Rape Seed (German) .....	.15	.50	.90	3.50
Sunflower Seed .....	.10	.30	.55	1.75
Unhulled Rice .....	.20	.60	1.10	3.50
Bird Manna. Keeps Canary Birds in prime condition. Pkg. 15c.				
Cuttle Fish Bone. 3c. each; 50c. per lb.				
Lettuce Seed. 5c. per oz.; 10c. per 1/4 lb.; per lb., 20c.				
Maw Seed. 1/4 lb., 7c.; 20c. per lb.; 5 lbs. for 70c.				
Song Restorer for Canaries, revives the desire to be lively and sing more lustily. Price, 10c. per bottle; per doz., \$1.00.				
Vetches or Tares for Pigeon Feeding. 10 lbs., 65c.; \$1.25 per 25 lbs.; 100 lbs., \$4.50.				

### SUNFLOWER SEED

We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article.

10c. per qt.; 4 qts., 30c.; 55c. per peck; per bushel, \$1.75.





# POULTRY AND ANIMAL FOODS

**Alfalfa Hay (Cut).** 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 90c.; \$1.40 for 50 lbs.; 100 lbs., \$2.50.

**Alfalfa Meal.** 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.40 per 50 lbs.; 100 lbs., \$2.50.

**Animal Meal.** 5 lbs., 20c.; 40c. per 10 lbs.; 75c. for 25 lbs.; 50 lbs., \$1.35; \$2.50 per 100 lbs.

**Animal Regulator (Pratt's).** 25c. and 50c. pkg.

**Barley.** Price, 10c. per quart. (Larger quantity, price on application.)

**Bone (Ground).** We have a fine and a coarse grade (always state which is wanted when ordering.) 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

**Bone Meal.** For feeding chicks and using in the mash. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

**Broken Rice.** 1 lb., 6c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.25 for 25 lbs. (Price in large quantity on application.)

**Buckwheat.** Price, 10c. per quart. (Larger quantity, price on application.)

**Canada Peas.** Price, 10c. per quart; per peck, 55c. (Prices on large quantities on application.)

**Catnip Balls.** 10c. each; doz., \$1.00.

**Charcoal.** Two grades, **fine** and **coarse**; state which you wish when ordering. Price: 1 lb., 7c.; 30c. for 5 lbs.; 10 lbs., 45c.; 75c. for 25 lbs.; per 100 lbs., \$2.50; \$10.00 for 500 lbs.

**Chick Manna.** Price: 1 lb., 10c.; 5 lbs., 40c.; 15 lbs., \$1.10; 60-lb. case, in bulk, \$4.20.

**Chick Meal (Spratt's No. 5).** 25c. per carton; 40c. per 5 lbs.; 10 lbs., 75c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.25 per 100 lbs.

**Chicgrain (Spratt's).** Per carton, 25c.; 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.25.

**Chick Food (Michell's).** 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 90c.; \$1.50 for 50 lbs.; \$2.75 per 100 lbs.; 500 lbs., \$12.50.

**Chick Food (Cypher's).** \$3.00 per 100 lbs.

**Cracked Corn.** 4c. per lb.; 5 lbs., 15c.; 30c. for 10 lbs.; 50 lbs., \$1.10; \$2.00 per 100 lbs.

**Cut Clover Hay.** 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$1.25 for 50 lbs.; 100 lbs., \$2.25. (500 lbs., \$10.00.)

**Climax Condition Powder (Rust's).** Price: 25c., 50c., \$1.00 and \$1.50 per package.

**Condition Powder (Sheridan's).** A natural stimulant and persuader for the hen. 25c. per package; 2¼ lb. can, \$1.00.

**Cat Food (Spratt's).** Per carton, 25c.

**Crissell (Spratt's).** 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$3.75 per 100 lbs.

**Cow Cure.** A tonic for cows and heifers. 50c. can.

**Calf Meal (Blatchford's).** \$2.00 per 50 lbs.; 100 lbs., \$3.75.

**Cake Meal.** 5 lbs., 25c.; 85c. per 25 lbs.; 100 lbs., \$3.00.

**Developing Food.** 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

**Dog Cakes (Spratt's).** 3-lb. pkg., 25c.; 6-lb. pkg., 50c.; 25-lb. box, \$1.75; 50-lb. box, \$3.25; 100-lb. box, \$6.25.

**Dried Blood Flour.** 1 lb., 10c.; 50c. per 5 lbs.; 10 lbs., 85c.; \$1.75 for 25 lbs.; 100 lbs., \$6.00.

**Egg Food (Imperial).** 26-oz. package, 25c.; 50c. for 60 ozs.

**Egg Maker and Chick Grower (Lee's).** 2½ lbs., 25c.; \$2.00 per 25-lb. pail.

**Egg Producer (Rust's).** 1 lb., 25c.; 50c. for 2½ lbs.; 6 lbs., \$1.00.

**Egg Salt (German).** Price: 2-oz. box, 30c.; 50c. for 4 ozs.; ½ lb., 80c.; \$1.50 per lb.

**English Salt Cat.** Price, 10c. per brick; 60c. for 6; \$1.10 per doz.

**Grit (Jersey Health).** 5 lbs., 20c.; 35c. for 10 lbs.; 25 lbs., 50c.; 90c. for 50 lbs.; 100 lbs., \$1.50; \$22.50 per ton.

**Grit (Mica Crystal).** Fine, medium and coarse. 5 lbs., 15c.; 35c. for 25 lbs.; 50 lbs., 50c.; 100 lbs., 85c.; \$4.00 per 500 lbs.; ½-ton, \$7.50; \$14.00 per ton. (Special price F. O. B. Factory.)

**Hemp Seed.** 12c. per quart; 50c. per peck; \$1.75 per bushel.

**Hen-e-Ta Bone Grits.** No. 1 for chicks and young fowls. No. 3 for large or grown fowls. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.25.

**Hulled Oats.** 6c. per lb.; 25c. per 5 lbs. (Prices on larger lots on application.)

**Kaffir Corn.** 10c. qt. (Price on larger quantities on application.)

**Linseed Meal.** 10c. per lb.; 45c. per 5 lbs.; \$1.75 for 25 lbs.

**Mash Food.** 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$11.00 per 500 lbs.

**Meat (Prepared).** Price: 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 90c.; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.75; half-ton, \$30.00; \$55.00 per ton.

**Millet (For Feeding).** 10c. per quart; 4 quarts, 30c.; 50c. per peck; per bushel, \$1.50.

**Oyster Shell.** 5 lbs., 10c.; 25c. for 25 lbs.; 50 lbs., 50c.; 75c. per 100 lbs.; 500 lbs., \$3.50; \$11.00 per ton.

**Oat Meal (Pin Head).** 5 lbs., 35c.; 65c. for 10 lbs.; 25 lbs., \$1.50; \$5.00 per 100 lbs.

**Poultry Powder (Barker's).** A general condition powder for horses and cattle. Packages, 25c.

**Pratt's Poultry Regulator.** Price: 8-oz. packages, 10c.; 26-oz. packages, 25c.; 50c. per 4-lb. package; 12-lb. sack, \$1.25; \$2.50 for 25 lbs. (12-lb. bucket, \$1.35); 50 lbs., \$5.00; \$9.00 per 100 lbs.

**Pratt's Cattle Food.** Price: 5 lbs., 50c.; 75c. per 12-lb. bag; 25-lb. bag, \$1.50; \$3.00 per 50-lb. bag.

**Prepared Pigeon Food.** 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.25 per 50 lbs.; 100 lbs., \$2.50; \$11.75 per 500 lbs.

**Poultry or Scratch Food (Michell's).** 5 lbs., 20c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$11.00 per 500 lbs.; 1000 lbs., \$21.00; \$41.00 per ton.

**Poultry Food (Spratt's No. 3).** 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; \$5.25 per 100 lbs.

**Puppy Cakes (Spratt's).** 3-lb. pkg., 30c.; 5-lb. pkg., 50c.; 25-lb. box, \$1.90; 50-lb. box, \$3.50; 100-lb. box, \$6.75.

**Sunflower Seed.** 10c. qt.; 4 qts., 30c.; 55c. peck; bushel, \$1.75.

## DISEASE REMEDIES AND CURES

**Death to Lice (Lambert's).** 5-oz. size, 10c.; 25c. for 16 ozs.; 48 ozs., 50c.; \$1.00 per 100-oz. pkg.

**Death to Lice Ointment.** 1 oz., 10c.; 25c. per 3-oz. size.

**Death to Lice (Special).** 4 ozs., 10c.; 25c. per 16-oz. size.

**Dog Medicines (Spratt's).** Alternative Cooling Tablets 50c per box, Diarrhea and Dysentery Cure 50c., Distemper Tablets 75c., Eczema Cure 50c., Locurium Ointment 50c., Mange Cure 50c., Purgative Tablets 50c., Puppy Vermifuge Tablets 50c.

**Dog Soap (Spratt's).** 25c. per cake postpaid or 20c. over counter.

**Dog Wash (Rigler's).** For mange, etc., 25c. per bottle.

**Gape Cure (Madoc).** ½ lb., 20c.; 35c. per lb.

**Germozone (Lee's).** Tablets or liquid, 50c.

**Gape Extractors.** Hallowell, 10c.; Pilling's, 25c.

**Lice Killer (Lee's).** Liquid. Qt., 35c.; ½ gal., 60c.; gal., \$1.00; 5 gals., \$4.00.

**Lice Killer (Pratt's).** Liquid. Qt., 35c.; ½ gal., 60c.; gal., \$1.00.

**Lice Killer, Red Wing.** 10c., 25c. and \$1.00 per pkg.

**Louse Powder (Lee's).** 1¼ lb. size, 25c.

**Louse Powder (Michell's).** 25c., \$2.50 per doz.

**Louse Powder (Pratt's).** 5 ozs., 10c.; 25c. lb.; 2½ lbs., 50c.

**Louse Powder (Schild's Lightning).** 25c. pkg.

**Oil of Tar.** Qt., 40c.; 65c. per ½ gal.; 1 gal., \$1.00.

**Persian Insect Powder.** ¼ lb., 15c.; 25c. ½ lb.; 1 lb., 45c.

**Roup Cure (Conkey's).** Small, 50c.; large, \$1.00.

**Roup Cure (F. P. C.).** ½ lb., 20c.; 40c. lb.

**Roup Pills (Rust's).** 50 for 25c.; 112 for 50c.

**Roup Syringe.** 10c. postpaid.

**Sulphur Candles.** Small 10c., \$1.00 doz.; large 25c., doz., \$2.50.

**Thymo-Cresol (Sheep Dip).** 4 ozs., 25c.; 8 ozs., 40c.; qt., 70c.; \$1.10 ½ gal.; gal., \$2.00.

**Tobacco Dust.** 1 lb., 10c.; 25c. for 5 lbs.; 25 lbs., \$1.00.

**Zenoleum (Liquid).** 50c. qt.; ½ gal., 90c.; \$1.75 gal.

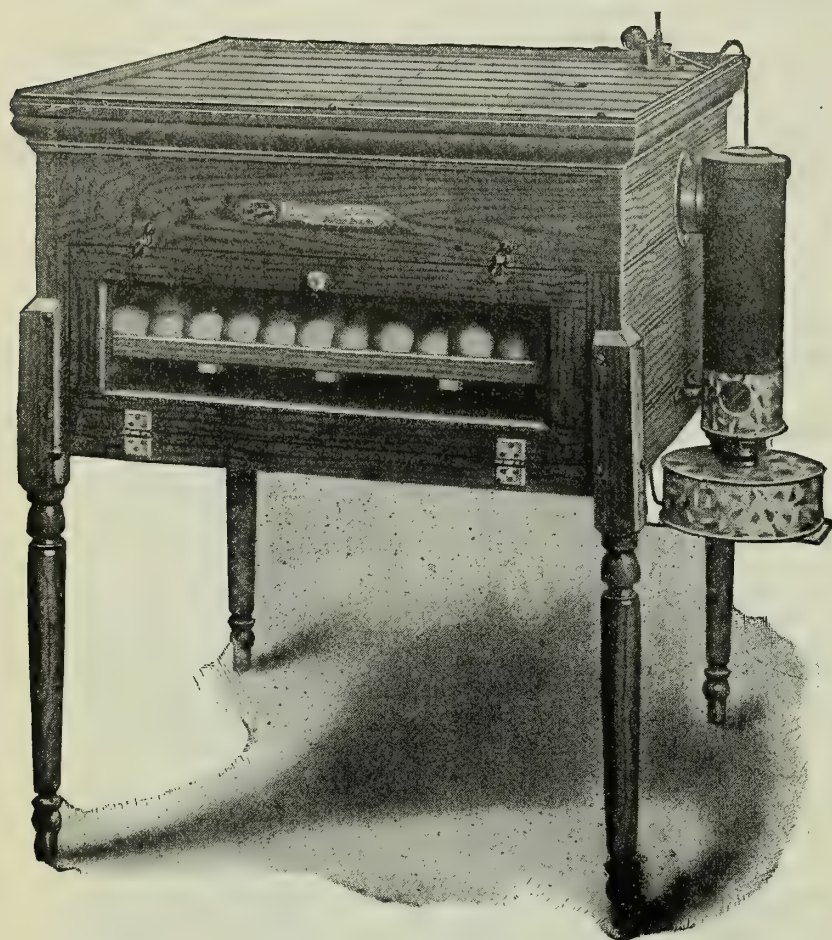
**Zenoleum (Powder).** 25c. per large package.

All Prices subject to market changes



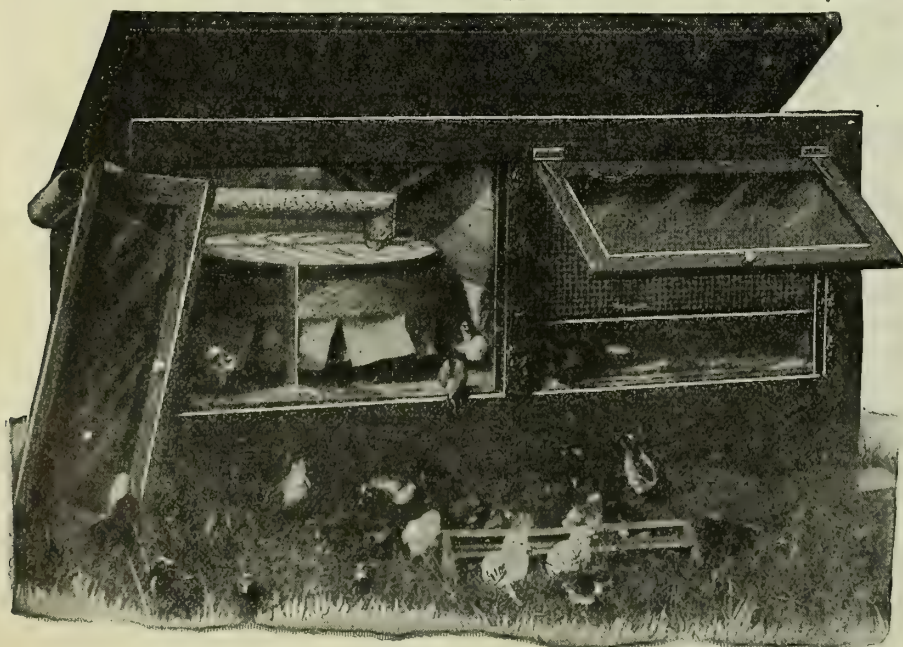
## PRAIRIE STATE INCUBATORS AND BROODERS

The Incubator offered here is to-day the most successful, the largest seller, and surest hatcher of any. Its reputation has not been built up quickly like some who have since retired into the field of unusefulness. The Prairie State user is always sure of his money's worth and that he will not have a lot of annoying worry attend the incubation of eggs. The Prairie State is as faultless as it is possible to make incubators. This is attested by our increasing large sales, and that we never have one returned as unsatisfactory. They all make good.

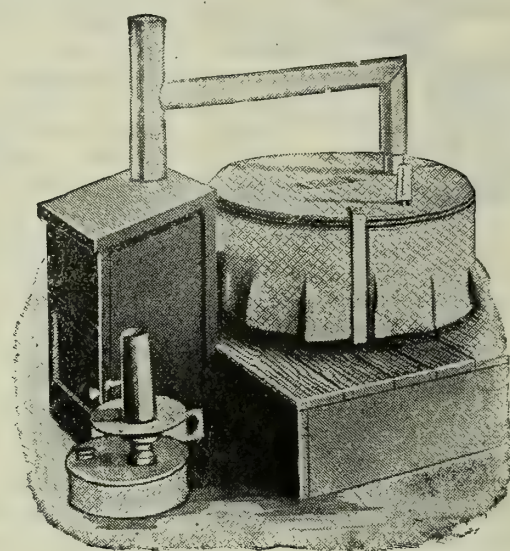


### Prices of Prairie State Incubators

	Hen Egg Capacity.	Duck Egg Capacity.	Price.
No. 2 Junior .....	115		\$15.00
No. 0 Diffusive style .....	100	75	18.00
No. 1 " " .....	150	115	22.50
No. 2 " " .....	240	200	32.00
No. 3 " " .....	390	300	38.00
Special Prairie State. 60 eggs .....			10.00
Gem Incubator (Hot Water). Galv. water tank. 60 eggs			6.00
" " " " " " " " " " " "			7.00



No. 3 Colony Brood House



### THE UNIVERSAL HOVER

The name implies correctly what the Hover is. It can be attached to any old box, piano case or a brooder you may be using at the present time. Just the thing for one who wants the least expensive but at the same time most efficient brooding device. For equipping large or commercial poultry plants these will be found invaluable.

#### PRICES

Universal Hover, with lamp box, complete without regulator. \$7.00

Universal Hover, without lamp box, complete without regulator ..... 6.00

REGULATOR. This attachment can be put on the Hover at any time, it can be set to automatically regulate the temperature of the Hover to any desired degree. Price, \$1.00 extra.

### PRAIRIE STATE COLONY HOUSE BROODERS

With a portable colony brooder the location of a colony may be changed at pleasure. When the soil becomes worn out or the grass in the run well eaten down, if the location proves unhealthy or has become infected with disease or vermin, the removal of a portable colony brooder is an easy matter, and the birds can be given new quarters on fresh soil and amid new surroundings at almost no expense aside from the labor involved. Prairie State Colony Brooders are all equipped with the famous Universal Hover.

To transform the Combination Brooder into a Colony House in the No. 1 and No. 2 style, slip out the middle partition, remove the hover and lamp, and you have one of the neatest colony houses that could be built. The roofs are tin, the woodwork is all tongued and grooved and absolutely weather proof.

(The No. 3 Colony House has but one compartment.)

The Combination Brooders are shipped knocked down to save freight. They are put together with screws and hooks, and are easily and quickly assembled.

No. 1—3 feet wide, 6 feet long, 3 feet high in front, 2 feet high in back (without heat regulator) ..... \$20.00

No. 2—2½ feet wide, 5 feet long, 2½ feet high in front, 20 inches high in back (without heat regulator) ..... 16.00

No. 3—27 inches wide, 4 feet high, 28 inches high in front, 19 inches high in back (without heat regulator) ..... 12.00

Heat Regulator Attachment \$1.00 extra. (Sent by express or freight only.)



**BONE MILLS****WILSON'S  
No. 1 MILL**

This Mill is adapted for grinding oyster shells, dry bones, corn meal, etc., and by means of a regulating screw on the back can be made to grind any desired fineness, \$4.50; \$6.50 with Legs and Stand.

*Wilson's Dry Bone Mill***STANDARD GREEN BONE MILLS**

No. 10, for bench use, crank handle ..	\$6.75
" 9, for bench use, wheel handle ..	8.80
" 8, with stand, wheel handle ....	10.50
" 7, for bench use, wheel handle ..	12.00
" 6, with stand, wheel handle ....	14.50
" 3, for power or hand use .....	17.75

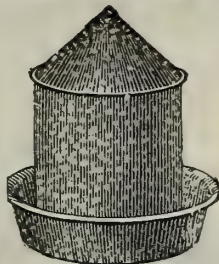
Also numerous other sizes.

**MANN'S GREEN BONE MILLS**

No.	Each
5-C with crank handle .....	\$6.00
5-B with balance wheel .....	8.00
5-B M with balance wheel and stand ..	10.40
7 with balance wheel .....	12.00
9 with balance wheel .....	18.40
11, for power .....	26.00
12, for power .....	30.00

**PHILADELPHIA  
FOUNTS**

Capacity	Each	Per Doz.
1 qt.	25c.	\$2.50
2 qts.	35c.	3.50
4 qts.	50c.	5.00
8 qts.	75c.	7.50

**PHILADELPHIA FOUNTS  
(Stoneware)**

1/2 gallon size.....	30c. each; dozen, \$3.25
1 " " .....	45c. " " 4.50

**NESCO FOUNTS (Galv.)**

1 qt. ....	25c. each; per doz., \$2.50
2 " .....	30c. " " 3.00
4 " .....	45c. " " 4.00
8 " .....	65c. " " 6.00

**HOODED STONE FOUNTS**

Capacity	Each	Doz.	Capacity	Each	Doz.
1 pt. ....	25c.	\$2.25	4 qts. ..	60c.	\$6.25
1 qt. ....	30c.	3.00	6 " ..	75c.	7.75
2 " ....	40c.	4.25	8 " ..	85c.	8.00
3 " ....	50c.	5.25			

**SANITARY CHICK FOUNT**

An entirely new feature. It is exceedingly practical so far as its actual use is concerned as chicks cannot upset it or get wet. Capacity, 1 quart, 30c. each; per doz., \$3.00.

**GAPE WORM EXTRACTORS**

Hallowell, Silver and Horse Hair, 10c. each; \$1.00 per dozen.  
Pilling, made of German Silver, 25c.

*Pilling Gape Extractor.***NORWICH AUTOMATIC FEEDER**

It is but necessary to fill the Hopper with such grain feed as may be desired, filling the Feed Bar and adjust the valve at the bottom of the Hopper to feed in such quantities as desired. Set the machine anywhere, give the Feed Bar a turn or two, and in ten to fifteen minutes every hen in the flock will take in the situation and work it.



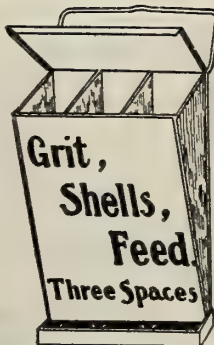
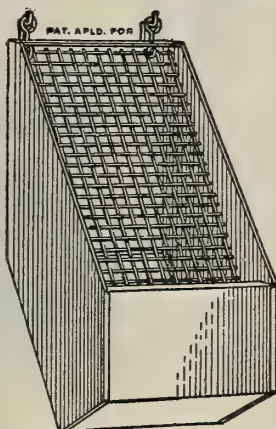
No. 1—8-Quart. Weight..	15 lbs.	\$2.50
2—14 " " ..	18 " "	3.25
3—20 " " ..	22 " "	4.10
4—32 " " ..	25 " "	5.00

**GRIT BOXES**

Perfect Galvanized Iron, with three spaces, 50c. each; per doz., \$5.50.

Perfect Galvanized Iron, large size, with three spaces, 75c. each, per doz., \$8.50.

Wooden, extra strong, 35c. each; per doz., \$4.00.

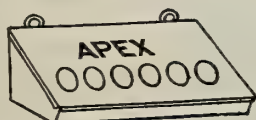
**THE BOSTON DRY FOOD HOPPER***Boston Food Hopper*

Adapted for feeding mash, grain, meat or any dry food, positively prevent waste. Made of galvanized iron and wire.

Small Size, for Brooders, \$1.00 each.

Medium Size, Capacity 8 qts., for grit, shell, meat, etc., 90c.

Large Size, capacity 16 qts. for grain, and mash, \$1.00.

**APEX CHICK FEEDERS***Apex Single Feeder***Single Feeders**

Each	Doz.
3 hole, 30c.	\$3.40
6 hole, 45c.	5.25
9 hole, 60c.	6.50
12 hole, 75c.	8.25

**Double Feeders**

Each	Doz.
6 hole, 45c.	\$5.25
10 hole, 65c.	7.00
14 hole, 75c.	8.25

These are very convenient for use in brooders and colony houses. They are so made that the food is always directly under the holes, the top is hinged.

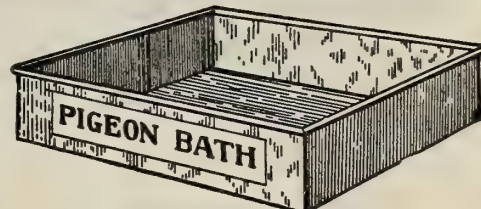
**STEEL KILLING KNIVES**

Progressive, 50c.; by mail, 55c.  
French, (see cut), 50c.; by mail, 55c.

**LEG BANDS****FOR POULTRY AND  
PIGEONS**

	Per 25	100
Climax ..	\$0.30	\$0.75
Eclipse . . .	.25	.65
Smith Sealed .	.45	1.50
Double Clinch .	.25	.65
Champion .	.25	.65
Pigeon, Open .	.25	.65
Pigeon Seamless .	.50	1.50
Pigeon, Double Clinch .	.25	.65

Lettering Bands, either pigeon or poultry, 10c. per 100, extra.

**SANITARY PIGEON BATH**

Galvanized Iron, \$1.00 each; doz., \$11.00

**PHILA. PIGEON BATH**

Galvanized Iron, \$2.00 each.

**EYRIE CORRUGATED  
BOXES FOR EGGS**

1 setting, each, 15c.; \$1.50 per doz.; per 100, \$10.00.

2 settings, each, 20c.; \$2.00 per doz.; per 100, \$15.00.

Also all other styles of Egg Crates and Boxes. See Poultry Supply List.

**WIRE HEN'S  
NEST**

Sanitary, easily cleaned, and convenient to handle. 15c. each; per doz., \$1.25.

*Hen's Nest.***PIGEON NESTS (Earthen)**

	Each	Doz.	100
8 inch .....	\$0.10	\$1.00	\$7.00
9 inch .....	.12	1.15	8.00

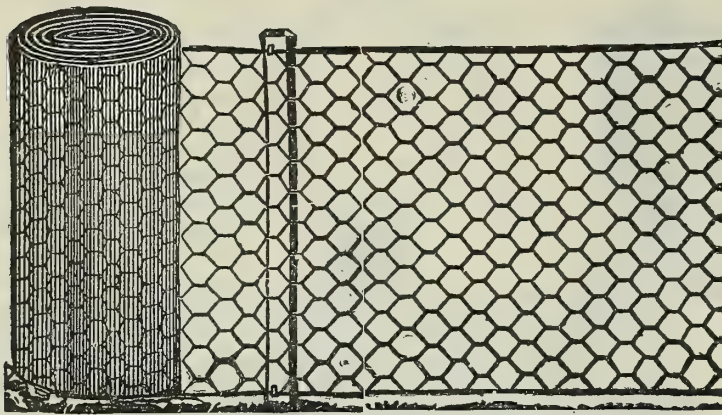
**POULTRY  
HOLDER**

For chickens, pigeons, etc. Holds any size from the smallest squab to the largest rooster. Made of malleable iron.

Price, 40c.; \$4.25 per dozen.



# POULTRY SUPPLIES



## GALVANIZED WIRE NETTING

No. 19, two-inch mesh, 150 running feet per bale.

	Price		Price
12 inch wide .....	\$0.90	42 inch wide .....	\$2.85
18 " " .....	1.25	48 " " .....	3.15
24 " " .....	1.65	60 " " .....	4.00
30 " " .....	2.00	72 " " .....	4.50
36 " " .....	2.40		

No. 20, one-inch mesh, 150 running feet per bale.

	Price		Price
12 inch wide .....	\$1.80	42 inch wide .....	\$5.50
18 " " .....	2.60	48 " " .....	6.50
24 " " .....	3.40	60 " " .....	8.00
30 " " .....	4.20	72 " " .....	9.50
36 " " .....	5.00		

Staples for fastening netting, 10c. per lb., 10 lbs. for 85c.

## CUT WIRE NETTING

2-in. mesh, under 100 sq. ft., 1c. per sq. ft.; 2-in. mesh, 100 sq. ft. and over, 3/4c. per sq. ft.; 1-in. mesh under 100 sq. ft., 2c. per sq. ft.; 1-in. mesh, 100 sq. ft. and over, 1 1/2c. per sq. ft.

## PITTSBURG PERFECT FENCING

The most substantial fencing possible to procure. The joints being welded by electricity, make it exceedingly attractive. It is thoroughly galvanized, extra well made and is the up-to-date fencing for poultry yards, etc. Price for regular style, with top and bottom strands of No. 11 wire; centre of No. 14 wire, in bale lots only, of 165 running feet.

	Per Bale		Per Bale
24 in. high .....	\$2.80	52 in. high .....	\$4.25
36 in. high .....	3.75	58 in. high .....	4.50
46 in. high .....	4.00		



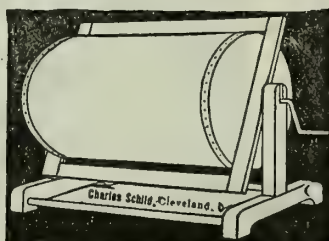
## REVOLVING EGG CABINET

To hold and turn eggs, which are to be used for hatching, all eggs used for that purpose should be turned every day or two so that the yolk will not settle to one side and destroy the fertility of the egg.

150 egg size .....	\$3.50
288 " " .....	5.50
560 " " .....	7.25
1050 " " .....	11.00

## PONY EGG CABINET

72 egg capacity, \$1.10 each.



Lightning Poultry Duster

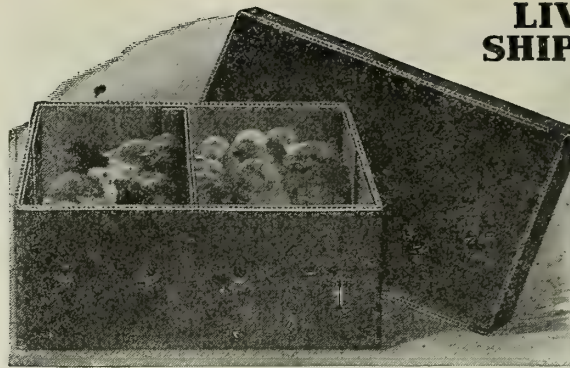
## POULTRY DUSTERS

These are excellent for ridding fowls of lice. Put a number of them in machine at one time, and a few turns does the work with the aid of a lice powder.

No. 1. Small size .....	\$2.50
" 2. Medium size .....	3.00
" 3. Large size .....	4.00

SPECIAL POWDER for using in these machines, 25c. pkg.

## LIVE CHICK SHIPPING BOX



Made of corrugated paper, extensively used, will carry chicks any distance with perfect safety. Are shipped knocked down and take up small amount of space.

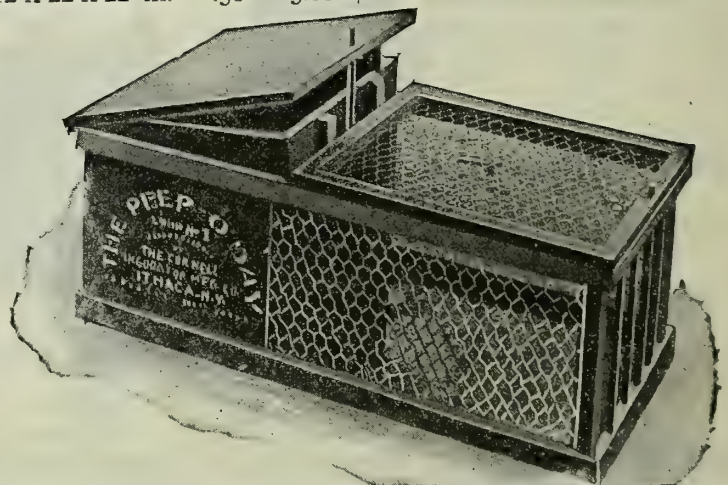
Capacity	Size	Each	Doz.
25 Chicks .....	12 x 6 x 5 .....	\$0.12	\$1.35
50 Chicks .....	12 x 12 x 5 .....	.20	1.85
100 Chicks .....	24 x 12 x 5 .....	.30	3.35

## THE EYRIE SHIPPING COOP



Made of corrugated paper, will carry any distance, saves expressage and always delivers the contents in good shape. Shipped knocked down, and takes up very little space in stock-room.

Letter	Size	Each	Doz.	Letter	Size	Each	Doz.
A..	12 x 16 x 18 in.	\$0.40	\$4.00	D..	20 x 22 x 22 in.	\$0.55	\$6.00
B..	12 x 18 x 22 in.	.45	4.25	E..	20 x 24 x 24 in.	.60	6.50
C..	12 x 22 x 22 in.	.50	5.00				

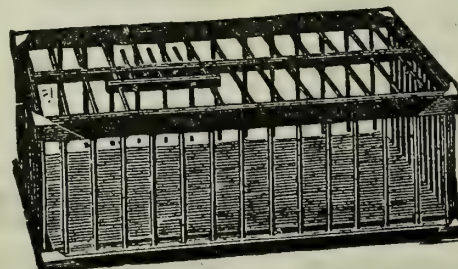


## PEEP-O'DAY BROOD COOPS

These coops are designed as a suitable place for a hen with a brood of young chicks. They have a removable wooden floor, which insures dryness. The opening of the coop can be closed at night to prevent any animals from the outside getting in.

No. 1 Size, \$3.00 each; 6 for \$17.10; 12 for \$33.50. (Special price f. o. b. factory.) Large Size, \$3.25 each; 6 for \$18.50.

## THE KEYSTONE SHIPPING CRATE



Is made of strong but light wood, securely braced at every joint with patent strap iron, while each corner is secured with a turned strap iron from top to bottom. Weight, about 15 lbs. Size, 1 foot high, 2 feet wide, 3 feet long.

Price: \$1.25 each; \$13.00 per doz.

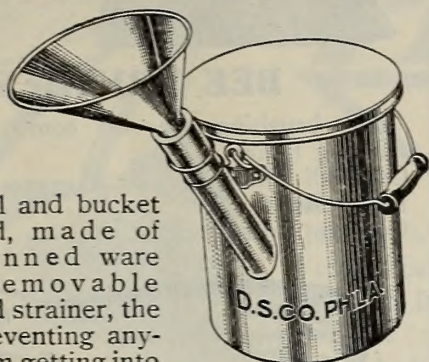
All prices subject to market changes



## DAIRY SUPPLIES

The demands from our customers dwelling in the country who have their own cows, make it necessary, in a small way, to add a few of the most important of dairy appliances. We can also procure anything else in this line not offered here.

### PERFECT MILKING PAIL



A stool and bucket combined, made of heavy tinned ware with a removable cover and strainer, the latter preventing anything from getting into the milk.

Price, complete, \$3.50.

We can also supply other styles of milk pails.

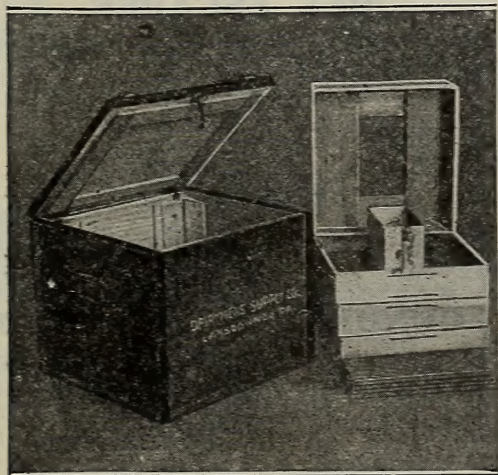


### BOSS SEPARATOR

A simple device, consisting of a water vessel with a faucet, and an inside tin milk container, so constructed that the milk and cream will drain off completely.

2½ gal. size .....\$5.00  
4 " " ..... 6.00

We can also furnish larger sizes with copper milk vessels.



### IRON CLAD BUTTER BOXES

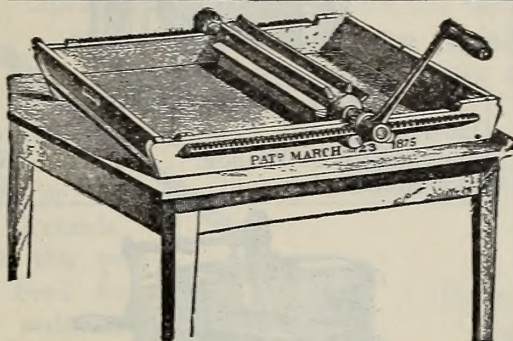
With ice compartments for shipping to city or seashore homes.

6-lb. capacity .....\$2.00  
12 " " ..... 3.50  
20 " " ..... 3.75

We can also supply larger sizes.

### BUTTER BOWLS

13 inches diam. 25c  
15 " " 35c  
18 " " 70c



### PHILADELPHIA BUTTER WORKER

No. 1—50-lb. capacity .....\$10.00  
No. 2—30 " " ..... 8.00  
No. 3—20 " " ..... 7.00  
No. 4—10 " " ..... 6.00

Also larger sizes.

### MILK STRAINER



Sanitary Strainer

The bottom is arranged with a hoop so that a gauze cloth can be used in addition to the regular brass strainer cloth. Economy style, complete, 85c.

Sanitary style, complete, \$1.75.

### MILK SHIPPING CANS

For sending milk to town or to the creamery. These cans are also excellent for bringing spring water to town.

New York Style. See cut.

20-qt. capacity ....\$2.75  
30 " " .... 3.00  
40 " " .... 3.25



### CALF WEANERS

No. 1, for calf under one year, 35c.  
No. 2, for calf over one year, 50c.  
No. 3, for cows ..... 65c.

### BULL RINGS

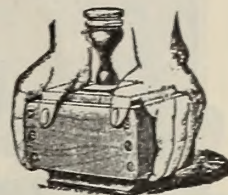
Made of copper, working on a screw hinge.

Price .....\$0.35

### BUTTER PRINTS

Quaker City Style

1 lb. size..... \$1.60  
½ " " ..... 1.60



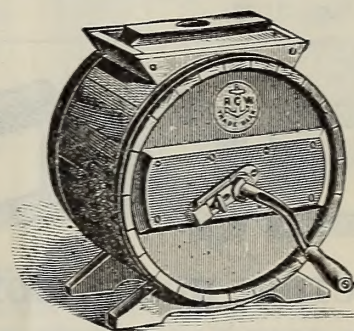
### BUTTER PAPER

In packages of 1000 sheets only.

6 x 8 inches .....\$0.45  
6 x 9 " ..... .50  
7 x 9 " ..... .60  
8 x 11 " ..... .80

### BUTTER COLORING

In bottles, 25c., 50c. and \$1.00. Gallon cans, \$1.75.



### BUTTER CHURNS

Richmond Style, made of first quality white cedar and carefully finished, easily cleaned.

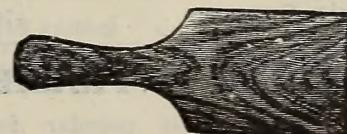
No. 1—3 gallon capacity .....\$2.00  
No. 2—4 gallon capacity ..... 2.50  
No. 3—7 gallon capacity ..... 3.00

### SPAIN'S CHURN

These are set up on a stand, the churn proper being barrel shaped.

No. 1—9 qt. churning capacity complete with stand .....\$5.90  
No. 2—15 qt. churning capacity complete with stand ..... 6.60  
No. 3—20 qt. churning capacity complete with stand ..... 7.10

We can also supply larger sizes.

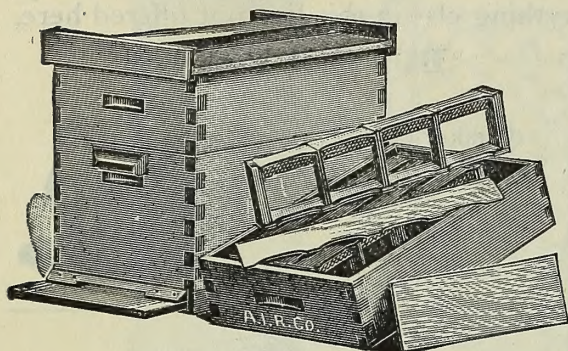


### BUTTER PADDLES

4-inch blade .....Each \$0.25  
5 " " ..... .30  
6 " " ..... .35



# HEADQUARTERS FOR BEE SUPPLIES

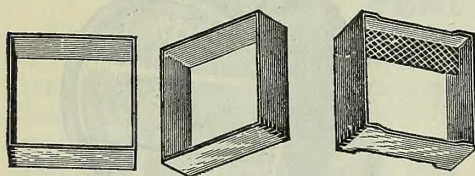


## BEE HIVES

The Dovetailed hive is the most improved type, enabling a person to handle bees quickly and with accuracy. It is made of best quality material and can be purchased set up or in the flat, prices being quoted either way.

No. AE 66. Two-story hive for extracted honey with one-inch foundation starters, complete with 8 frames. Set up and painted, \$3.50. In Flat, not set up, \$2.75.

No. AE 644 P. Two-story hive for comb honey with sections and foundations with one-inch foundation starters, fitted with  $4\frac{1}{4} \times 1\frac{1}{2}$  plain, or  $4\frac{1}{4} \times 1\frac{7}{8}$  Beeway sections. Set up and painted, \$4.50. In Flat, not set up, \$3.25.



## SECTION HONEY BOXES

These are made in two grades, A and B, the former being the better, the latter the poorer quality. On account of their cheapness we offer the A grade only.

Per 100 Per 1000

$4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{5}{8}$  with Bee ways...\$0.85 \$5.75  
 $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$  with no Bee ways .80 5.50  
 We can also supply all other styles.

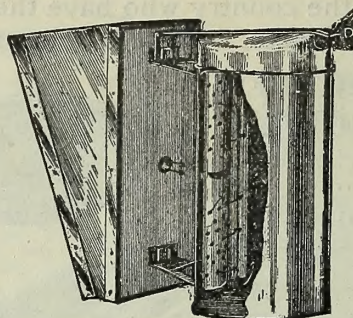
## WEED NEW PROCESS FOUNDATION STARTER

There are four grades of this, Medium and Light, Thin Super and Extra Thin Super. The first two are used in brood frames, the latter in section boxes.

	Per lb.	Per 5 lb.
Medium Brood	\$.58	\$2.75
Light	.60	2.85
Thin Super	.65	3.10
Ex. Thin Super	.70	3.25

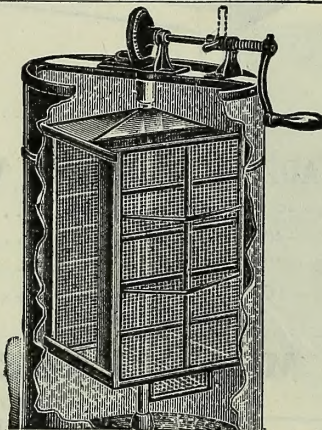
## HOFFMAN FRAMES

This is the most popular foundation frame, is self-spacing, therefore especially popular with the amateur as well as professional bee keeper. Price, with foundation starters and set up, 25 for \$1.50, \$5.75 per 100.



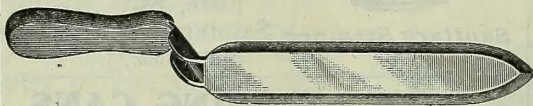
## BEE SMOKERS

Danzenbaker 20th Century .....\$1.00  
 Bingham Little Wonder ..... .60  
 Root Standard,  $3\frac{1}{4}$  in. .... .85



## HONEY EXTRACTORS

No. 5B. Novice .....\$9.50  
 No. 15BR. Root Automatic .....14.00  
 No. 20B. Cowan .....16.50

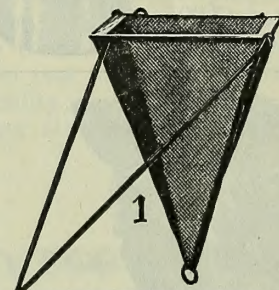


## HONEY KNIVES

For uncapping, scraping bottom boards, transferring and cutting chunk honey out of frames.

Novice style (see cut) ..... 80c.  
 Bingham Improved ..... 70c.

## MAMUM SWARM CATCHERS



For collecting bees prior to putting them in hives.

Price, with pole, \$1.25.

Price, without pole, \$1.00.

## BEE VEILS

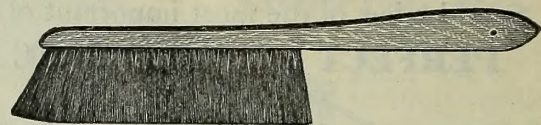
These are worn on the head and face to prevent being stung when working among bees.

Globe Style, complete, \$1.00.

No. 1, made of silk, 90c.

No. 2, made of cotton and silk, 60c.

No. 3, made of cotton, 50c.



## BEE BRUSHES

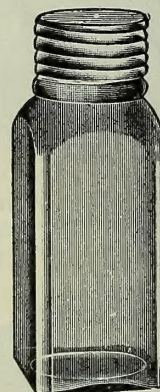
For brushing bees off combs when extracting honey.

Cogshall Make .....\$0.20  
 Dixie Make ..... .20  
 German Brush (See Cut) ..... .30



## GLOVES FOR HANDLING BEES

Made of heavy drilling. We can furnish them with exposed or closed fingers. 40c. per pair.

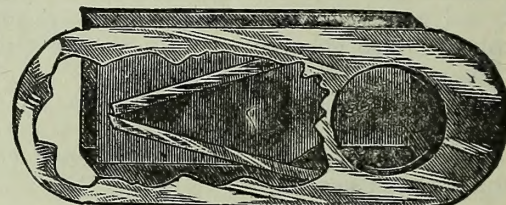


## HONEY JARS

Per Case of

$\frac{1}{4}$ lb. square	24	\$1.00
$\frac{1}{2}$ " "	24	1.10
1 " "	24	1.65
2 " "	12	1.10
$\frac{1}{2}$ " round	24	1.35
1 " "	24	1.65
2 " "	12	1.15

The above jars are equipped with Aluminum Caps.



## BEE ESCAPES

These will be found of great value when taking off honey.

Fig. 81. For use in hives ..... 25c. each  
 Fig. 82. See cut for use in work-rooms ..... 30c. "

## BEE HAT

Made with a flexible rim to fit any head. Price, 35c.

## FOUNDATION FASTENERS

An apparatus for folding section boxes and attaching foundation starters to same.

Daisy Style, with lamp .....\$1.10  
 Root " " ..... 1.50

## BEE TENTS

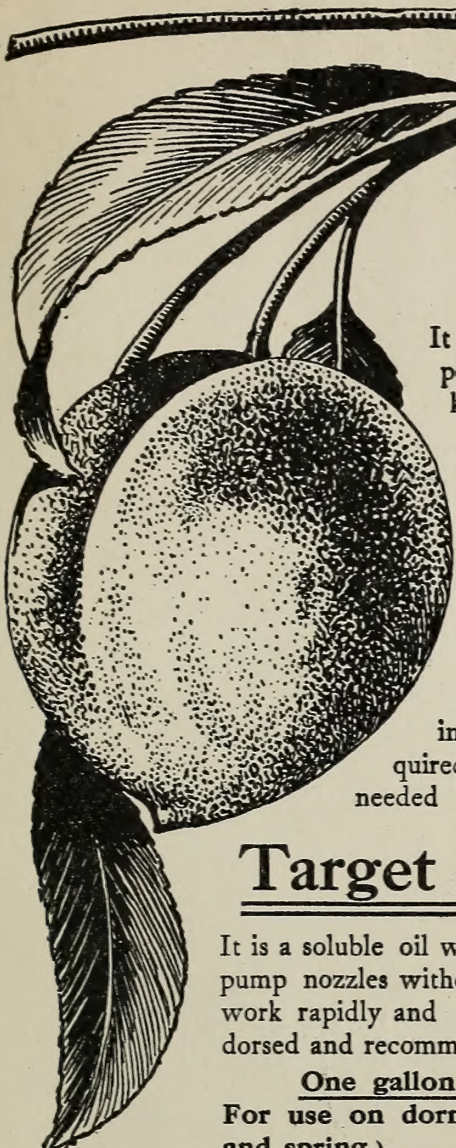
For putting over hives to prevent escape when handling or working among bees. 5 x 5 ft. Price, \$2.50.

Send for Illustrated Catalog on Bee Supplies

We can also supply all other Bee Appliances



# FOR PERFECT FRUIT



It will positively kill San Jose Scale without injury to the trees or fruit-buds. Orchards treated with this preparation are freed from the ravages of scale and similar insects, and continue healthy and prolific. There is no risk of injury to the tree, no skilled labor is required, and the only apparatus and material needed are a good spray-pump, water, and

Spray your orchards and rid them of insect pests—that is the only safe way. **San Jose Scale** and similar pests can no longer damage orchards to any appreciable extent, nor prevent an abundant fruit crop, if sprayed with

## Target Brand Scale Destroyer

It is the most effective destroyer of Scale ever placed on the market.



## Target Brand Scale Destroyer

It is a soluble oil which rapidly forms a solution in water and passes through the spray-pump nozzles without clogging. It is quickly prepared, easily applied and does its work rapidly and effectually. It is unexcelled in effectiveness and economy. Indorsed and recommended by fruit-growers everywhere.

One gallon Destroyer makes twenty gallons dilution ready to apply.  
For use on dormant trees only (while the leaves are off during fall, winter and spring.)

Target Brand Scale Destroyer costs per quart, 35c.; half gallon, 65c.; one gallon, \$1.00; five gallons, \$3.75; ten gallons, \$7.50; half barrels, at 55c. per gallon; barrels, at 50c. per gallon.

### TESTS OF TARGET BRAND SCALE DESTROYER

By Experts on Insect Pests and Fungus Diseases, whose ability and research work have saved millions of dollars for the Fruit Growers.

Bulletin No. 18

Missouri State Fruit experiment Station  
Mountain Grove, Mo.

Experiment on peach. Insect pest—San Jose Scale. Remedy—Target Brand Scale Destroyer, 1 part to 20 parts of water. Results 100 per cent. Killed all scale it touched.

Twenty-second Report

Perdue University, Lafayette, Ind.

Experiment on San Jose Scale. Remedy Target Brand Scale Destroyer. Made a stable emulsion with water immediately upon mixing and proved very efficient against the Scale.

Seventh Report.

State Entomologist, Richmond, Va.

Experiment on Maple Scale. Remedy—Target Brand Scale Destroyer, 1 part to 15 parts of water. Results—Not more than one specimen found alive in 571 scale examined. Trees in good, healthy condition.

North Carolina Department of Agriculture  
Raleigh, N. C.

Experiment on Gloomy Scale. Remedy—Target Brand Scale Destroyer. Has proven entirely satisfactory in treating Gloomy Scale.  
July 16, 1910.

Z. P. METCALF, Entomologist.

West Virginia Agricultural Experiment Station  
Morgantown, W. Va.

Experiment on San Jose Scale. Remedy—Target Brand Scale Destroyer. Results—No live scale in 2000 counted.

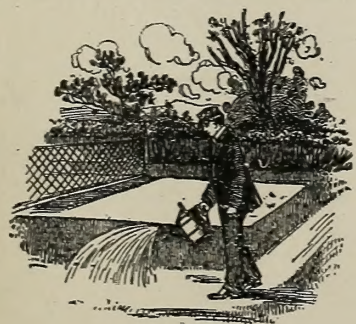
## "TARGET BRAND" WEED KILLER

is a most effective solution of high grade chemicals, combined by secret process. The dilution is 1 to 50 parts of water made so easily that a boy or child can attend to it. A remedy that not only reduces the amount of labor, but does it at about one-tenth the cost. A gallon diluted is sufficient to cover a space of 100 to 150 square yards.

Application is best made with a watering can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. "Target Brand" Weed Killer effectively destroys the roots as well as the top growth, and single applications last almost an entire season.

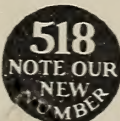
### PRICES

Per Quart, makes 51 quarts	- - - \$0 45	10 Gallons, makes 510 gallons	- - - \$8 50
Per 1/2 Gallon, makes 25 1/2 gallons	- - - 65	25 Gallons, makes 1275 gallons	- - - 18 75
Per Gallon, makes 51 gallons	- - - 1 00	50 Gallons, makes 2550 gallons	- - - 35 00
5 Gallons, makes 255 gallons	- - - 4 50		



As used on Walks and Tennis Courts

HENRY F. MICHELL CO.,



Market Street, Philadelphia

ALSO "EVERGREEN" SEED GARDENS, TORRESDALE, PENNA.



# MICHELL'S GRASS SEEDS

WE ALSO SPECIALIZE IN "EVERYTHING" FOR LAWNS, GOLF LINKS, TENNIS COURTS, ETC.

Always Sow  
MICHELL'S "EVERGREEN" GRASS SEED  
\$1.00 per peck. Per bushel, 20 pounds, \$4.00



HEADQUARTERS  
FOR

MICHELL'S SHADED LAWN GRASS SEED  
" SEASHORE LAWN GRASS SEED  
" PASTURE GRASS SEED.

MICHELL'S TERRACE LAWN GRASS SEED  
" GOLF COURSE GRASS SEED  
ALSO SPECIAL FORMULAS TO ORDER.

## MICHELL'S GRASS SEEDS

HAVE BEEN USED ON THE FOLLOWING GOLF GROUNDS:

WHITE MARSH VALLEY COUNTRY CLUB.

PHILADELPHIA COUNTRY CLUB.

HUNTINGDON VALLEY COUNTRY CLUB.

OVERBROOK GOLF & COUNTRY CLUB.

DELAWARE CO. FIELD CLUB AND NUMEROUS OTHERS,

ALSO ALL THE PUBLIC PARKS & SQUARES IN PHILADELPHIA.